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NATIONAL AIR SURVEILLANCE NETWORKS CONTINUOUS AIR MONITORING PROGRAM. 1966 DATA TABULATIONS AND SUMMARIES: CHICAGO, CINCINNATI, DENVER, PHILADELPHIA, ST. LOUIS, AND WASHINGTON, D.C.

National Center for Air Pollution Control
Cincinnati, Ohio

1966

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NATIONAL AIR SURVEILLANCE NETWORKS

CONTINUOUS AIR MONITORING PROGRAM

1966 DATA TABULATIONS AND SUMMARIES

CHICAGO

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Springfield VA 22151

Air Quality and Emissions Data Branch
National Center for Air Pollution Control

Bureau of Disease Prevention and Environmental Control
Public Health Service
U.S. Department of Health, Education, and Welfare

The Continuous Air Monitoring Program is the National Air Surveillance Network which operates six continuous monitoring stations in major cities throughout the country. The data tabulations in this booklet are summaries of hourly concentrations of gaseous pollutants and 2-hourly summaries of soiling index levels in Chicago during 1966. Also enclosed is a brief summary of monthly means and maxima in Chicago, and annual frequency distributions of data from all stations.

Booklets of 1966 data summaries for Cincinnati, Denver, Philadelphia, St. Louis, and Washington, D. C. are available. Similar data summaries have been or shortly will be published along with various analyses and interpretive material, for previous years' operations. Analyses of 1966 data will be published in the 1966 Annual Report of all National Air Surveillance Activities.

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NATIONAL AIR SURVEILLANCE NETWORKS

THE CONTINUOUS AIR MONITORING PROGRAM

MONTHLY MEAN AND MAXIMA SUMMARY

CHICAGO

Month	Days Valid Data	Mo. Avg. Conc.	Max. 24 Hr. Conc. Conc.	Day	Max. Hrly. Avg. Conc. Conc.	Day	Hr.	Max. 5 Min. Inst. Conc. Conc.	Day	Time
CARBON MONOXIDE										
Jan	8	a ppm	26 ppm	5	42 ppm	5	17	49 ppm	5	1720
Feb	0									
Mar	6	a	10	30	18	31	07	27	30	0900
Apr	28	14.8	32	23	45	27	16	66	18	0740
May	27	16.0	24	12	43	13	16	60	13	1610
June	30	13.4	21	9	41	9	08	49	9	0830
July	22	9.2	15	2	24	1	22	38	5	1600
Aug.	31	9.2	18	25	30	26	06	37	26	0625
Sept	30	13.0	21	10	32	1	06	39	1	0645
Oct	31	12.9	22	25	35	12	06	45	12	0625
Nov	0									
Dec	0									
Year	213	12.5	32		45			66		
NITRIC OXIDE										
Jan	23	0.126 ppm	0.30 ppm	5	0.60 ppm	5	08	0.66 ppm	5	0850
Feb	13	a	0.21	22	0.52	3	08	0.56	3	0855
Mar	29	0.106	0.16	22	0.38	2	08	0.50	2	0700
Apr	24	0.106	0.20	23	0.56	24	00	0.57	24	0045
May	27	0.075	0.11	16	0.30	17	22	0.43	17	2230
June	27	0.069	0.12	9	0.25	7	06	0.28	7	0625
July	31	0.054	0.11	13	0.23	22	06	0.26	22	0615
Aug	27	0.070	0.10	12	0.29	6	00	0.31	5	2340
Sept	27	0.083	0.16	26	0.38	26	05	0.42	26	0555
Oct	22	0.125	0.34	26	0.64	12	06	0.74	12	0640
Nov	29	0.142	0.26	19	0.52	11	08	0.59	11	0805
Dec	23	0.148	0.26	23	0.50	23	21	0.68	13	1815
Year	302	0.100	0.34		0.64			0.74		
NITROGEN DIOXIDE										
Jan	26	0.034 ppm	0.06 ppm	5	0.11 ppm	5	12	0.15 ppm	12	2200
Feb	14	a	0.06	7	0.09	7	12	0.10	7	1305
Mar	31	0.044	0.06	17	0.08	10	16	0.08	2	0950
Apr	26	0.045	0.06	18	0.12	18	13	0.18	18	1340
May	25	0.050	0.10	26	0.20	26	07	0.21	26	0724
June	26	0.070	0.10	18	0.17	18	10	0.18	18	1040
July	28	0.075	0.13	23	0.18	2	13	0.21	2	1330
Aug	26	0.082	0.14	6	0.23	6	08	0.26	6	0915
Sept	29	0.073	0.15	1	0.31	1	08	0.35	1	0835
Oct	21	0.058	0.09	26	0.13	26	09	0.15	26	0940
Nov	29	0.050	0.08	16	0.12	19	10	0.13	19	1010
Dec	29	0.047	0.06	27	0.09	27	09	0.09	27	0835
Year	310	0.056	0.15		0.31			0.35		

Month	Days Valid Data	Mo. Avg. Conc.	Max. 24 Hr. Conc. Conc.	Day	Max. Hrly. Avg. Conc. Conc.	Day	Hr.	Max. 5 Min. Inst. Conc. Conc.	Day	Time
SULFUR DIOXIDE										
Jan	18	0.180 ppm	0.39 ppm	5	0.64 ppm	18	0700	0.88 ppm	5	1245
Feb	0									
Mar	20	0.152	0.37	29	0.70	9	0700	1.09	31	0825
Apr	28	0.078	0.20	4	0.50	18	0800	0.89	8	0815
May	30	0.037	0.09	9	0.36	4	0900	0.39	4	0945
June	26	0.024	0.07	3	0.25	22	0800	0.44	22	0815
July	28	0.011	0.04	31	0.17	18	0800	0.43	22	0810
Aug	23	0.033	0.10	30	0.32	30	1000	0.46	30	1030
Sept	28	0.034	0.18	2	0.43	2	0800	0.68	9	0950
Oct	25	0.089	0.27	7	0.81	20	0900	1.06	26	1020
Nov	20	0.131	0.27	19	0.80	21	0800	1.11	21	0800
Dec	24	0.218	0.55	30	0.97	27	0900	1.14	13	0130
Year	270	0.082	0.55		0.97			1.14		
TOTAL HYDROCARBON										
Jan	21	2.58 ppm	5.7 ppm	5	7.6 ppm	5	0900	9.0 ppm	4	2355
Feb	5	a	3.0	28	4.6	28	1500	4.9	25	0010
Mar	29	2.34	3.4	22	8.2	21	2200	11.0	21	2240
Apr	25	2.45	4.0	18	8.3	23	2300	9.7	23	2305
May	30	2.46	4.2	26	9.1	26	0500	14.6	18	0000
June	18	2.72	3.9	15	8.5	7	2200	13.8	7	2205
July	4	a	3.6	27	8.8	27	2200	14.9	27	2225
Aug	9	3.01	4.5	6	9.8	15	0600	12.3	15	0615
Sept	26	3.30	5.7	1	11.7	26	0800	14.8	27	2150
Oct	31	2.95	4.6	26	8.8	12	0600	11.6	12	0615
Nov	30	2.98	3.9	9	6.0	21	0800	13.2	27	0105
Dec	30	2.84	3.6	7	5.7	27	0800	13.4	31	1215
Year	278	2.77	5.7		11.7			14.9		
TOTAL OXIDANT										
Jan	17	b ppm	0.02 ppm	22	0.03 ppm	20	1100	0.06* ppm	22	1615
Feb	13	b	0.03	28	0.06*	28	1300	0.08*	6	1615
Mar	24	b	0.03	15	0.04*	10	1600	0.07*	12	1610
Apr	12	b	b		0.07	23	1500	0.08*	23	1310
May	19	0.030	0.04*	17	0.07	17	1300	0.10*	17	1340
June	23	0.030	0.06	18	0.15	18	1100	0.17	18	1105
July	29	0.028	0.08	23	0.19	23	1300	0.23	23	1345
Aug	24	0.027	0.07	6	0.16	6	1200	0.18	6	1330
Sept	23	0.024	0.05	1	0.11	1	1200	0.14	10	1110
Oct	13	a	0.03	19	0.05*	19	1300	0.08*	19	1325
Nov	25	b	0.02	26	0.03	6	1300	0.05*	26	1300
Dec	12	b	0.02	21	0.04*	21	1400	0.09	7	1210
Year	234	b	0.03		0.19			0.23		

*Excluding higher levels occurring before 1100 or after 1655

[a]Average not calculated because of insufficient or poorly distributed data

[b]Average not reported because of undue influence from non-photochemical high levels

CONTINUOUS AIR MONITORING PROGRAM

FREQUENCY DISTRIBUTION OF CONCENTRATION OF GASEOUS ATMOSPHERIC POLLUTANTS

(FIVE MINUTE DATA VALUES)

JAN. 01,1966 TO DEC. 31,1966

(CONCENTRATION IN PPM)

	% VALID DATA	FREQUENCY DISTRIBUTION-PERCENT									ARITH MEAN
		Min	10	30	50	70	90	95	98	99	MAX	
CINCINNATI												
CARBON MONOXIDE	74	0	2	3	5	6	8	9	11	13	32	4.9
NITRIC OXIDE	66	.00	.00	.01	.02	.04	.10	.16	.25	.33	1.18	.041
NITROGEN DIOXIDE	75	.00	.02	.03	.03	.04	.06	.07	.09	.10	.30	.036
SULFUR DIOXIDE	82	.00	.00	.01	.02	.03	.07	.09	.13	.18	.70	.031
HYDROCARBON	51	.4	1.8	2.1	2.3	2.7	4.1	4.9	6.0	6.6	12.8	2.67
TOTAL OXIDANT	51	.00	.01	.01	.02	.03	.04	.05	.07	.08	.11*	.021
CHICAGO												
CARBON MONOXIDE	57	0	5	9	11	15	21	25	30	33	66	12.5
NITRIC OXIDE	74	.00	.02	.05	.09	.13	.20	.24	.31	.37	.74	.101
NITROGEN DIOXIDE	77	.00	.03	.04	.05	.06	.09	.11	.13	.15	.35	.056
SULFUR DIOXIDE	70	.00	.00	.01	.03	.09	.25	.34	.48	.57	1.14	.094
HYDROCARBON	73	.0	1.7	2.2	2.6	3.0	4.0	4.7	5.8	6.6	14.9	2.78
TOTAL OXIDANT	58	.00	.00	.01	.02	.03	.04	.05	.07	.08	.23	.020
PHILADELPHIA												
CARBON MONOXIDE	97	0	3	5	6	8	11	12	15	17	47	6.7
NITRIC OXIDE	86	.00	.01	.02	.03	.06	.13	.18	.29	.42	1.98	.059
NITROGEN DIOXIDE	98	.00	.02	.03	.03	.04	.07	.08	.10	.11	.29	.038
SULFUR DIOXIDE	85	.00	.02	.04	.06	.10	.21	.28	.37	.44	.87	.091
HYDROCARBON	84	.0	1.7	2.0	2.2	2.6	3.5	4.2	5.3	6.3	14.4	2.46
TOTAL OXIDANT	76	.00	.01	.02	.02	.04	.07	.09	.12	.15	.38*	.032
DENVER												
CARBON MONOXIDE	84	0	2	5	7	9	14	17	22	27	63	7.8
NITRIC OXIDE	82	.00	.00	.01	.02	.04	.09	.14	.20	.26	.59	.038
NITROGEN DIOXIDE	87	.00	.02	.02	.03	.04	.05	.06	.09	.10	.35	.034
SULFUR DIOXIDE	92	.00	.00	.00	.01	.01	.02	.03	.05	.07	.96	.011
HYDROCARBON	84	.5	1.5	1.7	2.0	2.5	3.7	4.6	5.9	7.1	19.1	2.38
TOTAL OXIDANT	75	.00	.01	.01	.02	.04	.06	.07	.10	.12	.27*	.029
ST. LOUIS												
CARBON MONOXIDE	88	0	2	4	5	7	10	13	16	19	68	5.7
NITRIC OXIDE	78	.00	.00	.01	.02	.04	.08	.12	.17	.22	.61	.032
NITROGEN DIOXIDE	82	.00	.01	.02	.03	.04	.06	.07	.08	.09	.21	.034
SULFUR DIOXIDE	72	.00	.00	.01	.03	.05	.10	.14	.17	.23	1.25	.042
HYDROCARBON	81	.0	2.0	2.4	2.8	3.3	4.4	5.3	6.4	7.2	14.3	3.02
TOTAL OXIDANT	70	.00	.01	.02	.03	.05	.07	.08	.10	.11	.25	.036
WASHINGTON D.C.												
CARBON MONOXIDE	90	0	1	2	3	4	6	7	10	14	47	3.2
NITRIC OXIDE	85	.00	.00	.01	.02	.03	.08	.14	.25	.35	1.15	.036
NITROGEN DIOXIDE	72	.00	.02	.03	.03	.04	.06	.07	.08	.09	.19	.035
SULFUR DIOXIDE	68	.00	.01	.02	.03	.05	.09	.12	.17	.21	.47	.044
HYDROCARBON	89	.0	1.3	2.0	2.2	2.4	2.9	3.6	4.8	6.2	14.5	2.37
TOTAL OXIDANT	79	.00	.01	.01	.02	.03	.06	.07	.10	.11	.17*	.026

*Excluding higher levels occuring before 1100 or after 1655

CONTINUOUS AIR MONITORING PROGRAM

FREQUENCY DISTRIBUTIONS OF SOILING INDEX

2 HR MEASUREMENTS

ANNUAL 1966 (JANUARY 1 TO DECEMBER 31)

COHS/1000 LIN. FT.

CITY	VALID DATA*	FREQUENCY DISTRIBUTION-PERCENT										ARITH MEAN
		MIN	10	30	50	70	90	95	98	99	MAX	
CHICAGO	70	.0	.7	1.2	1.8	2.7	4.4	5.5	7.1	8.7	16.4	2.29
CINCINNATI	80	.0	.3	.7	1.0	1.4	2.3	2.8	3.6	4.1	8.5	1.18
PHILADELPHIA	60	.0	.2	.4	.7	1.0	2.0	2.8	3.9	4.9	11.2	.96
ST LOUIS	90	.0	.4	.7	1.0	1.3	2.2	2.7	3.6	4.4	13.1	1.18
WASHINGTON, D C	95	.0	.2	.4	.7	1.1	1.9	2.5	3.3	4.0	11.1	.92

* REPORTED TO NEAREST FIVE PERCENT

VALUES GREATER THAN 6.0 UNDERESTIMATE ACTUAL VALUE

DATA TABLES

GASEOUS POLLUTANTS

The first 72 data tables present hourly average concentrations by month for the gaseous pollutants. Values in these tables are the arithmetic means of the 5-minute values in the clock hour indicated. An average is not calculated if the hour is considered an invalid data hour, i.e., if fewer than seven 5-minute values were valid. Similarly, if a calendar day had fewer than 13 valid data hours, it is considered an invalid data day and the entire row of averages for that day is deleted. The reason for this procedure, which results in the loss of a few valid hourly averages, is that the data that are thus lost are usually concentrated at the beginning or end of the day. Since pollutant concentrations show considerable diurnal variation, the inclusion of data for such days would introduce a definite bias into the monthly mean concentrations.

The first summary line at the bottom of the tables (titled MEAN) contains the arithmetic means of the hourly averages, and hence represents the pattern of diurnal variation for the month. Again by the same validity criterion, this average is not calculated unless 16 or more hourly averages are present. The second and third summary lines are the number of and maximum of the hourly averages in the column.

The first summary column at the right of the tables (titled DAILY MEAN) is the arithmetic mean* of the 13 or more hourly averages comprising the row, and the second is the number of such valid hourly averages. The third summary column, however, is not the maximum hourly average for the day, but the maximum 5-minute value included in the hours of valid data during the day.

Four summary figures appear in the lower right corner. The upper left is the monthly average, an arithmetic mean, and appears only if 16 or more days were valid (a valid data month). The center number is the total number of valid hours included in the table, which offers some basis for judging the representativeness of the monthly average. The lower left summary number is the maximum daily average from the column above. The lower right number is the maximum 5-minute value from the column above.

SOILING INDEX

The last 12 tables present soiling index values at the CAMP station by month. Each value was obtained from a 2-hour integrated sample beginning

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*The summary calculations are performed before the hourly averages are rounded.

at the time indicated in the column heading. A missing value indicated that the sample was not taken or was invalid because of instrument malfunction.

The first summary line (titled MONTHLY MEAN) represents the arithmetic mean of the 2-hour average values in the column, and is calculated only if 16 or more days are represented. The first summary column (titled DAILY MEAN) is the arithmetic mean of the 2-hour values for the day; if fewer than seven such values are present, the daily mean is not calculated, and the data are not included in the summaries, but the component 2-hour values for the day are not deleted from the table as is done with the data on gaseous pollutants.

The other summary columns and rows are the number of and maximum of the respective 2-hour values. Four summary figures appear in the lower right corner; the mean and maximum value for the month are the upper left and lower right figures respectively, while the center figure is the total number of values. The lower left summary number is the maximum daily average from the column above.

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONCENTRATION IN PPM
INFRARED ANALYSIS

CHICAGO, ILL.

CARBON MONOXIDE
JAN. 1966

DAY OF MONTH	AM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	PM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN MAX
1*	13	14	16	15	16	13	13	12	10	9	4	2	4	4	12	16	21	25	21	29	35	26	27	22	15.8	24	38
2*	20	18	16	15	12	12	12	13	13	12	11	13	14	13	13	13	12	12	14	13	13	13	12	11	13.2	24	22
3	12	12	12	12	11	12	13	15	18	17	13	14	15	12	16	19	22	26	24	20	18	17	13	11	15.5	24	32
4	12	11	9	8	8	10	12	14	19	16	10	10	10			27	28	29	29	26	24	23	22	21	17.2	22	34
5	21	22	20	19	18	19	24	31	37	36	28	26	23	21	19	33	38	42	33	27	23	22	17	17	25.6	24	49
6	12	10	9	6	4	5	7	13	16	17	14	14	14	12	13	16	14	15	12	11	10	11	10	8	11.3	24	22
7	8	7	7	7	6	7	9	11	13	13	12	10	9	8	9	16	19	19	16	12	13	15	13	13	11.2	24	24
8*	10	8	6	6	7	7	4	8	8	5	3	2	5	3	4	5	8	9	12	8	8	5	5	5	6.3	24	13
9*																											
10																											
11																											
12																											
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28																											
29*																											
30*																											
31																											
MEAN	8	8	8	8	8	8	8	8	8	8	8	8	8	7	7	8	8	8	8	8	8	8	8	8			
NO	21	22	20	19	18	19	24	31	37	36	28	26	23	21	19	33	38	42	33	29	35	26	27	22	25.6	190	49
MAX																											

* Indicates Saturday or Sunday
Local standard time used

TABULATED THU., MAR. 16, 1967

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONCENTRATION IN PPM
INFRARED ANALYSIS

CHICAGO, ILL.

CARBON MONOXIDE
FEB. 1966

DAY OF MONTH	AM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	PM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS	5 MIN MAX
1																											
2																											
3																											
4																											
5*																											
6*																											
7																											
8																											
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26*																											
27*																											
28																											
MEAN																											
NO																											
MAX																									0.0		0

* Indicates Saturday or Sunday
Local standard time used

TABULATED THU., MAR. 16, 1967

CONTINUOUS AIR MONITORING PROGRAM

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

CHICAGO, ILL.

CONCENTRATION IN PPM
INFRARED ANALYSIS

CARBON MONOXIDE
MARCH 1966

DAY OF MONTH	AM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	PM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5 MIN MAX
1																											
2																											
3																											
4																											
5*																											
6*																											
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24																											
25																											
26*	5	1	0	0	0	0	0	2	3	4	5	5	7	13	12	8	13	12	13	9	13	7	6	10	6.2	24	22
27*	7	6	5	3	2	1	1	2	2	2	1	2	2	3	6	9	9	11	13						4.5	19	18
28		4	4	4	4	4	4	4	10	11	9	9	9	9	9	10	11	10	13		11				7.8	19	17
29	9	8	5	4	3	3	4	5	9	9	7	5	4	5			8	11	9	7	6	6	9	8	6.6	22	15
30	6	4	3	2	3	4	8	15	16	16	15	10	9	10	11	14	16	17	11	8	7	8	7	9	9.5	24	27
31	5	4	4	3	3	6	9	18	12	11	8	9	8	8	9	9	12	11	10	7	6	5	4	3	7.6	24	27
MEAN	5	6	6	6	6	6	6	6	6	6	6	6	6	6	5	5	6	6	6	4	5	4	4	4		132	
NO	9	8	5	4	4	6	9	18	16	16	15	10	9	13	12	14	16	17	13	9	13	8	9	10	9.5		27
MAX																											

* Indicates Saturday or Sunday
Local standard time used

TABULATED THU., MAR. 16, 1967

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONCENTRATION IN PPM
INFRARED ANALYSIS

CHICAGO, ILL.

CARBON MONOXIDE
APRIL 1966

DAY OF MONTH	AM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	PM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN MAX
1	3	2	2	2	2	3	5	10	15	13	11	10				21	30	29	21	16	19	14	11	11	11.9	21	47
2*	12	9	8	7	7	7	9	11	13	12	11	13	15	14	14	15	16	19	24	21	16	11	11	15	12.9	24	51
3*	12	14	11	9	7	7	7	7	7	8	9	9	10	11	15	18	18	19	16	15	15	15	16	15	12.0	24	24
4	12	9	8	7	8	8	14	23	21	19	15	18	17	16	14	14	18	16	14	10	12	11	10	10	13.4	24	27
5	8	8	6	6	6	7	9	15	13	12	12	11	11	13	12	12	14	14	11	9	8	9	9	8	10.1	24	21
6	8	7	6	6	6	6	9	11	11	10	10	10	10	11	11	14	14	15	11	9	9	9	8	9	9.5	24	20
7	8	7	6	6	6	7	11	14	17	13	11	12	11	12	13	16	20	17	12	10	11	10	11	10	11.3	24	26
8	9	8	7	7	7	8	11	14	16	11	10	11	10	11	11	17	21	15	17	11	11	11	10	9	11.3	24	28
9*	8	7	7	6	6	7	8	10	11	11	13	13	16	16	13	13	12	16	14	15	18	14	16	21	12.1	24	31
10*	17	14	9	10	7	6	6	6	6	6	6	7	8	11	14	18	18	16	15	17	16	12	11	10	11.1	24	26
11	8	6	6	5	6	6	11	21	18	14	12	13	15	18		22	25	26	22	15	16	18	15	12	14.4	23	35
12	11	6	6	6	5	7	15	21	19	17	13	14	15	15	18	23	25	32	18	12	14	12	11	11	14.3	24	37
13	10	7	5	5	5	7	14	22	19	17	16	15	15	15	17	20	22	24	15	11	13	15	13	12	13.9	24	36
14	13	9	8	6	6	5	11	16	15	13	15	18	14	11	16	20	24	26	19	17	18	16	15	15	14.4	24	33
15	12	9	7	7	5	7	15	23	21	14	12	12	11	12	13	20	28	29	19	15	19	16	18	18	15.1	24	39
16*	18	14	11	8	9	10	11	12	13	15	12	12	18	12	9	12	18	14	13	18	17	13	8	21	13.2	24	30
17*													16	21		24	22	22	18	17	18	16	14	15	16.8	20	66
18		4	3	4	4	7	24	40	21	28			7	7	7	10	12	11	8	6	5	5	4	3	7.4	15	16
19										11	9	7	12	12	14	23	31	38							12.0	18	52
20	6	3	2	1	1	4	6	8	10	14	16	15															
21										18	15	16	16	17	16	26	32	35	18	21	18	20	24	25	20.9	15	46
22													25	34	29	32	40	33	28	29	37	27	41	44	32.3	13	59
23*	23											10	10	5	4	6	8	6	8	11	15	17	18	14	12.4	15	60
24*	40	13											16	16				19	18	20	21	20	18	19	17.7	21	46
25	10	8	9	9	11	19	33	24	20	23	23	18															
26	21	15	13	12	14	21	24	33	30	27	25	20	21	24	29	30	31	22	19	22	20	21	18	19	22.1	24	48
27	16	14	14	14	15	21	27	30	32	24	27	27	29	28	35	40	45	27	26	25	27	22	23	20	25.3	24	65
28	18	17	17	15	16	19	22	24	20	17	20	17	15	15	17	20	20	19	17	19	18	20	19	19	18.3	24	27
29	18	17	15	14	14	20	27	29	22	20	21	20	18	19	22	20	18	14	11	11	11	10	11	11	17.2	24	37
30*	10	11	9	9	10	12	15	16	21	16	19	28	24	19	20	24	20	15	17	17	15	18	22	19	16.9	24	38
MEAN	13	9	8	8	8	10	14	18	17	16	14	14	15	15	16	20	22	21	17	16	16	15	15	15	14.8		
NO	25	25	24	24	24	24	24	24	24	26	25	26	27	27	24	27	27	28	27	27	27	27	27	27		617	
MAX	40	17	17	15	16	21	33	40	32	28	27	28	29	34	35	40	45	38	28	29	37	27	41	44	32.3		66

* Indicates Saturday or Sunday
Local standard time used

TABULATED THU., MAR. 16, 1967

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONCENTRATION IN PPM
INFRARED ANALYSIS

CHICAGO, ILL.

CARBON MONOXIDE
MAY 1966

DAY OF MONTH	AM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	PM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5 MIN MAX
1*	17	15	15	14	13	13	13	12	11	13	13	15	16	15	15	16	17	15	14			18	16	15	14.6	22	22
2	14		12	14	14			21	17				14			18	21	17	14	17	17	14	13	12	15.5	16	28
3	11	12	12	12	14	22	28	29	26	24	23	19	16	15	17	22	21	18	15	17	19	20	20	21	19.0	24	36
4	21	19	18	17	16	20	24	21				16	16	19	19	25	21	16	16	17					18.8	17	33
5											13	9	7	6	5	6	6	5	7	10	9	5	3	1	6.5	14	20
6	0	0	1	2	3	12	21	22	21	19	15	11	10		15	20	23	15	15	16	17	22	20	19	13.9	23	31
7*	18	16	17	16	14	17	26	28	27	28	32	24	21	16	15	14	16	13	10	14	15	18	24	24	19.2	24	45
8*	23	18	16	12	14	14	14	18	17	17	18	21	22	27	30	26	22	21	21	20	19	20	20	17	19.4	24	39
9	15	16	16	15	16	21	28	30	30	24	24	21	19	17	20	23	26	23	18	23	24	21	19	21	21.2	24	39
10	21	18	17	18	18	23	26	26	21	21	21	19	15	19	25	30	31	33	25	28	29	26	21	20	22.8	24	40
11	18	18	17	17	18	19	24	24	24	22	25	24	21	23	26	31	33	33	19	21	24	23	23	18	22.6	24	46
12	15	14	14	14	14	22	33	30	31	29	24	25	25	31	36	40	37	22	22	25	24	24	20	16	24.0	24	54
13	15	13	13	11	12	14	28	24	23	25	28	29	27	34	31	34	43	29	26	27	20	22	24	22	23.8	24	60
14*	19	15	14	13	13	15	19	16	14	15	17	21	15	13	16	14	12	11	15	23	22	24	29	23	17.0	24	43
15*	24	21	16	13	13	13	13	12	11	9	11	10	8	10	10	12	12	14	15	15	14	13	12	8	12.8	24	28
16																											
17																											
18																											
19																											
20		5	5	5	5	8	10	11	9	8	9	10	10	11	12	14	17	13	12	13	11	14	13	12	10.3	23	23
21*	12	12	9	10	10	12	13	15	13	13	14	17	15	18	19	16	16	14	13	28	21	18	21	28	15.6	24	38
22*	21	23	13	10	13	14	11	11	10	11	14	16	16	17	19	19	20	13	11	11	12	11	10	11	13.9	24	32
23	9	8	8	7	8	12	19	18	14	13	12						9	7	9	7	7	10	9	8	10.0	19	24
24	7	5	5	5	4							10	14		15	14	16	16	15	24	22	20	16	14	13.1	17	30
25	9	7	6	7	7	13	19	15	13	12	11	13	16	21	28	22	19	19	17	17	17	25	17	16	15.1	24	39
26	18	15	13	16	16	28	18	19	11	11	12	11	11	11	13	14	12	9	9	10	9	9	8	7	12.9	24	38
27	7	6	5	5	5	8	12	14	10								22	15	16	17	14	15	14	12	11.6	17	31
28*	10	8	7	6	6	7	8	11	11	12	16	18	19	20	19	20	14	16	11	15	13	13	15	15	12.9	24	28
29*	11	8	7	6	7	6	8	7	7	8	9	11	12	12	13	12	14	12	13	17	19	16	13	13	10.9	24	24
30	12	9	9	8	8	8	9	9	10	10	11	12	12	13	15	15	13	12	11	12	11	14	16	12	11.3	24	23
31	10	9	9	8	10	14	24	24	20	18	15	14	14			19	19	15	12	15	18	14	12	15	15.2	22	35
MEAN	14	12	11	11	11	15	19	19	17	16	17	16	16	17	19	20	20	16	15	17	17	17	16	15	16.0		
NO	25	25	26	26	26	24	24	25	24	22	23	24	25	21	23	25	27	27	27	26	25	26	26	26		598	
MAX	24	23	18	18	18	28	33	30	31	28	32	29	27	34	36	40	43	33	26	28	29	26	29	28	24.0		60

* Indicates Saturday or Sunday
Local standard time used

TABULATED THJ., MAR. 16, 1967

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONCENTRATION IN PPM
INFRARED ANALYSIS

CHICAGO, ILL.

CARBON MONOXIDE
JUNE 1966

DAY OF MONTH	AM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	PM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5 MIN MAX
1	12					17	23	20	16	15	14	15	15	17	20	23	26	20	16	19	18	17	17	12	17.6	20	33
2	16	16	13	11	12	16						18	18	23	24	21	26	20	20	23	19	18	14	12	17.8	19	45
3	9	9	11	12	11	15	17	17	14	17				12	16	16	18	13	13	15	17	17	19	11	14.2	21	26
4*	10	9	8	8	8	9	11	11	12	11	12	12	11	11	12	10	10	11	15	14	14	12	13	11	10.9	24	19
5*	10	9	8	7	7	7	7	8	7	7	9	8	9	10	11	10	9	10	11	10	11	11	10	8	8.8	24	14
6	7	6	6	6	6	12		15	12	11			11		14	16	16	12	10	12	11	12	11	10	10.8	20	22
7	8	7	8	8	8	18	25	20	15	14	12	13	13	13	15	16	23	26	22	24	21	18	23	19	16.2	24	36
8	13	10	8	8	8	18	23	24	23	22	21	19	22	23	27	31	29	18	17	18	18	18	17	13	18.6	24	40
9	10	9	9	8	9	18	29	33	41	30	23	22	23	27	33	31	28	22	18	19	18	17	15	11	20.9	24	49
10	11	10	8	10	10	18	24	23	20	17	15	17	18	21	27	24	25	18	17	19	20	24	29	25	18.7	24	46
11*	19	13	11	9	11	10	11	12	12	12	12	13	13	17	18	16	13	13	13	18	15	18	17	14	13.7	24	30
12*	11	10	9	7	8	8	8	10	10	9	9	12	14	11	15	24	27	26	24	28	27	30	24	17	15.7	24	41
13	11	12	8	8	9	14	21	21	16	14	13	13	12			19	23	16	12	16	12	9	7	7	13.3	22	35
14	5	5	4	4	5	7	12	11	8	7	7	7	8	8	9	10	10	9	7	8	9	9	9	8	7.7	24	18
15	7	6	7	6	7	14	14	13	10	8	8	7	7	13	27	22	19	17	13	15	16	17	17	14	12.6	24	41
16	11	7	6	6	6	11	20	18	15	14	15	13	13	14	13	9	10	11	16	18	14	15	14	13	12.6	24	26
17	11	9	7	7	7	14	23	20	14	13	12	10	10	13	14	13	15	14	14	14	16	22	16	16	13.6	24	27
18*	14	12	11	10	10	11	12	15	11	14	15	13	12	12	14	16	18	16	14	18	18	14	20	22	14.2	24	31
19*	15	12	10	8	8	9	10	10	8	7	7	7	7	8	8	9	9	9	9	10	11	12	11	9	9.1	24	24
20	8	7	7	7	8	10	14	12	10			8	8	9	11	12	11	9	9	11	10	14	11	10	9.8	22	20
21	8	7	7	7	8	12	17	15	13	12	10	8	9	10	21	20	15	12	11	17	22	13	12	10	12.2	24	32
22	9	8	7	8	9	12	14	14	14	11	12	12	12	14	18	22	23	21	19	12	14	13	12	12	13.3	24	30
23	10	8	8	7	8	10	15	15	12	10	9	9	10	10	13	12	11	9	10	11	12	20	17	12	11.2	24	24
24	9	8	8	8			14			9	11	12	11	11	16	19	19	18	12	11	19	17	16	12	12.9	20	32
25*	10	8	7	7	7	9	9	9	9	9	9	9	9	9	11	9	9	10	10	12	13	12	14	12	9.6	24	18
26*	9	8	8	7	7	8	8	8	8	9	11	11	11	12	14	17	13	16	14	17	16	19	20	21	12.1	24	28
27	15	13	9	8	8	13	16	14	16	16	17	15	16	17			22	17	16	21	20	18	14	10	15.1	22	29
28	9	8	7	7	8	12	19	17	14	13	12	13	14	18	19	20	19	16	13	14	18	13	12	11	13.6	24	26
29	9	8	8	8	8	14	22	15	11	10	9	9	9	12	17	17	14	12	15	18	20	24	23	14	13.6	24	41
30	11	12	7	8	8	16	22	22	16	11	11	9	10	13	15	18	16	13	13	14	14	14	14	11	13.2	24	34
MEAN	11	9	8	8	8	12	16	16	14	12	12	12	12	14	17	17	17	15	14	16	16	16	16	13	13.4		
NO	30	29	29	29	28	29	28	28	28	28	26	28	29	28	28	29	30	30	30	30	30	30	30	30		694	
MAX	19	16	13	12	12	18	29	33	41	30	23	22	23	27	33	31	29	26	24	28	27	30	29	25	20.9		49

* Indicates Saturday or Sunday
Local standard time used

TABULATED THU., MAR. 16, 1967

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONCENTRATION IN PPM
INFRARED ANALYSIS

CHICAGO, ILL.

CARBON MONOXIDE
JULY 1966

DAY OF MONTH	AM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	PM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5 MIN MAX
1	9	8	7	7	7	9	13	20	17	13	10	10	11	18	23	17	18	15	12	15	14	21	24	17	13.9	24	34
2*	12	10	7	9	9	9	9	12	10	11	13	15	14	16	18	17	16	17	20	24	22	19	23	24	14.8	24	31
3*	15	13	9	7	8	7	7	6	4	5	4	4	5	6	5	8	10	10	9	8	9	12	12	11	8.0	24	25
4	8	6	5	5	4	5	5	5	6									9	9	9	10	9	13		7.2	15	20
5					4	8	12	16	9	8							21	11	12	11	12	10	9	8	10.8	14	38
6	6	6	6	6	7	9	12	13	10	10	10	9	10	10	11	13	11	9	11	12	14	12	13	10	10.1	24	17
7	9	7	6	6	7	11	17	18	16	15	11	12	11	12	12	10	12	10	10	12	14	14	12	10	11.3	24	22
8	8	7	6	6	8	10	16	15	11	8	10	8	9	9	12	12	13	11	10	10	14	15	16	13	10.7	24	22
9*	9	7	7	6	5	6	7	7	7	7	7	9	8	8	6	6	5	6	13	21	18	20	17	11	9.3	24	32
10*	8	6	6	4	4	5	5	5	5	7	9	10	8	9	9	7	10	11	12	11	13	18	16	6	8.5	24	29
11	4	3	3	3	3	7	12	17	9	13	12	13		7	14	9	5	2	3	5	6	8	8	6	7.2	23	27
12	4	4	4	3	5	8	11	13	11	8	8	6	5	5	7	17	16	14	13	14	16	13	13	12	9.5	24	27
13	11	11	10	9	10	14	18	18	15	16	18	16	16	12	18	19	15	12	10	11	13	15	13	10	13.6	24	26
14	5	6	4	4	5	9	17	20	18	16	13	13	14	11	18	15	17	11	10	11	9	10	10	8	11.4	24	24
15	6	5	4	4	5	11	19	18	14	13	11	11				14	14	10	9	10	11	10	13	12	10.7	21	24
16*	9	7	6	5	5	6	7	8	7	9	9	15	9	9	10	11	11	10	9	9	12	16	20	13	9.5	24	26
17*	8	8	6	5	9	10	8	8	8	8	8	8	8	8	7	9	10	7	7	8	9	11	9	7	8.0	24	16
18	5	4	3	3	3	6	10	9	8	7	6	4	1	1		0	0	0	0	0	0				3.5	20	11
19																											
20																											
21																											
22		4	7	6	5	6	10	12	12			7	5	5		9	8	8	7	9	11	10	10	9	7.9	20	13
23*	8	8	6	7	7	5	6	6	7	7	6	8	10	9	10	9	11	11	10	9				17	8.4	21	20
24*		18				6	6	6	7	7	8	8	8	8	9	9	10	13			17	14	17		10.1	17	21
25	9	9	7	7	7	7	10	13	12	11	9	6	5	4	6	5	5	4	4	5	6	6	6	6	7.1	24	14
26	6	5	6	5	7	9	12	11	10	7	6	5	3					6	9	10	4	4	7	8	7.0	20	15
27	6	5	5	5	5	10	15	19	13					5	8	4	5	3	4	5	10	7	10	5	7.4	20	26
28																											
29		5	4	4	3	8						11	7	8	16	14	18	16	9	9	11	13	12	11	9.8	18	30
30*	8	7	5	4	4	6	7	7	5	5	4	5	3	2	1	3	3	2	6	11	15	8	9	5	5.5	24	23
31*	10	9	7	5	4	5	6	5	3	3	1	3	5	4	5	4	4	4	5	8	13	15	12	8	6.1	24	24
MEAN	8	7	6	5	6	8	11	11	10	9	9	9	8	8	11	10	11	9	9	10	12	12	13	10	9.2		
NO	23	26	25	25	26	27	26	26	26	23	22	24	22	23	21	24	25	27	26	26	26	25	25	24		593	
MAX	15	18	10	9	10	14	19	20	18	16	18	16	16	18	23	19	21	17	20	24	22	21	24	24	14.8		38

* Indicates Saturday or Sunday
Local standard time used

TABULATED THU., MAR. 16, 1967

CONTINUOUS AIR MONIT ING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONCENTRATION IN PPM
INFRARED ANALYSIS

CHICAGO, ILL.

CARBON MONOXIDE
AUG. 1966

DAY OF MONTH	A M												P M												DAILY MEAN	NO. OF HRS	5 MIN MAX
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12			
1	9		7	3	3	8	11	10	6	4	5	2	0	0	1	1	0	0	0	0	0	0	4	5	3.4	23	17
2	5	6	5	6	7	12	20	19	16	13	9	5	3	4	6	4	3	1	3	5	7	6	5	5	7.2	24	27
3	4	5	4	4	4	10	16	14	9	7	8	5	3	4	6	4	4	4	4	7	8	7	7	8	6.5	24	26
4	9	8	7	6	8	14	18	18	13	13	11	7	6	5	7	6	6	9	9	8	9	10	13	12	9.6	24	23
5	9	9	8	8	8	11	19	22	17	17	9	6	7	4	9	7	7	3	4	14	8	8	15	26	10.3	24	33
6*	18	11	9	12	15	15	17	17	16	13	11	11	9	7	7	7	8	8	7	8	10	17	16	15	11.7	24	28
7*	14	10	10	11	10	10	10	8	7	7	4	3	2	2	4	5	9	10	9	10	10	10	10	9	8.0	24	18
8	8	8	7	8	8	12	16	16	11	9			5	4	3	4	4	1	2	3	9	10	9	8	7.5	22	23
9	6	6	7	7	8	13	16	18	18	12	11	8	7	8	9	15	12	8	10	12	12	13	14	10	10.7	24	23
10	10	9	9	9	10	13	15	17	15	14	16	14	15	17	23	25	22	17	13	11	12	12	10	7	13.9	24	32
11	6	4	5	6	6	10	15	14	9	7	7	6	6	5	10	10	10	6	7	11	10	6	6	5	7.9	24	21
12	3	8	8	7	6	11	13	14	12	9	10	11	9	9	13	14	14	9	10	12	11	12	12	13	10.3	24	21
13*	10	6	4	4	3	6	7	7	6	5	6	7	7	6	7	6	7	6	6	6	8	8	10	10	6.6	24	13
14*	8	7	6	6	7	5	4	6	5	4	5	5	5	5	5	6	7	14	14	15	15	13	14	12	8.1	24	21
15	9	7	6	5	5				18	12		7	6	6	7	7	8	5	6	5	5	4	4	4	6.9	20	24
16	4	3	4	4	5	9	12	16	12	11	12	10	11	12	13	13	14	7	8	8	9	9	9	11	9.3	24	22
17	11	8	6	7	7	13	16	14	11	7	7	6	5	3	4			2	3	5	3	3	3	3	6.4	24	21
18	2	1	1	2	2	5	8	10	8	7	9	7	8	6	12	1		7	7	10	9	10	9	6	7.0	24	21
19	4	4	3	3	4	12	17	18	15	13	13	10	8	9	13	9	9	9	9	12	13	17	11	13	10.2	24	26
20*	10	8	6	5	5	8	11	12	12	10	9	11	10	9	9	10	9	7	10	12	14	16	19	15	10.3	24	25
21*	12	7	5	6	4	5	7	5	4	4	4	5	5	4	4	8	9	5	4	5	7	8	8	5	5.8	24	19
22	5	4	5	5	4	8	9	12	10	11			8	8	9	10	8	8	9	11	10	9	8	8	8.1	22	15
23	8	7	7	8	7	12	14	16	13	11	11	9		10	16	15	17	15	11	12	13		11	12	11.6	22	21
24	11	10	9	9	10	15	18	18	17				15	17	21	22	19	21	19	17	20	21	21	20	16.6	21	35
25	19	18		15	16	21	26		22	18	16				14	13	15	14	16	19	19		19	17	17.5	18	36
26	17	17	17	16	17	24	30	26	19	15	12	8	7		11	13	12	10	6	10	11	12	20	9	14.7	23	37
27*	8	7	6	7	6	8	11	13	10	9	7	6	5	4	4	5	3	4	5	9	7	8	7	8	6.9	24	18
28*	8	7	7	6	6	6	7	8	7	6	5	5	5	4	5	4	4	5	7	6	8	8	9	8	6.2	24	13
29	7	7	6	7	8	12	21	18	12			8	8	10	11	12	11	7	6	6	7	8	8	8	9.4	22	28
30	8	7	7	6	7	10	16	14	13	9	9	8	7	7	10	10	7	4	5	8	7	6	7	7	8.2	24	25
31	6	4	5	6	5	13	16	16	13	11	16	13	13	13	19	17	12	10	11	11	12	11	15	13	11.8	24	28
MEAN	9	7	7	7	7	11	15	14	12	10	9	7	7	7	9	10	9	8	8	9	10	10	11	10	9.2		
NO.	31	30	30	31	31	30	30	29	31	29	26	27	29	29	31	31	31	31	31	31	31	29	31	31		721	
MAX	19	18	17	16	17	24	30	26	22	18	16	14	15	17	23	25	22	21	19	19	20	21	21	26	17.5		37

* Indicates Saturday or Sunday
Local standard time used

TABULATED THU., MAR. 16, 1967

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONCENTRATION IN PPM
INFRARED ANALYSIS

CHICAGO, ILL.

CARBON MONOXIDE
SEPT. 1966

DAY OF MONTH	AM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	PM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS	5 MIN MAX
1	12	12	10	12	13	23	32	31	26	20	16	15	12	14	19	16	11	9	13	22	18	11	9	9	16.0	24	39
2	9	7	6	7	7	14	16	18	13	11	8	6	6	4	6	7	6	6	7	9	6	7	15	7	8.6	24	31
3*	5	4	4	4	4	4	6	6	6	6	6	5	5	4	4	3	9	8	8	9	7			8	5.6	22	19
4*	7	7	5	3	3	4	4	5	5	6	5	4	4	4	3	4	3	4	5	8	9	8	8	8	5.3	24	11
5	8	8	7	7	7	9	9	8	8	7	7	6	6	5	7	8	8	8	11	12	12	12	11	11	8.4	24	17
6	10	10	10	10	11	18	23	22	20	14	14	13	12	13			24	16	13	14	14	14	14	14	14.6	22	34
7	12	11	11	12	14	26	27	24	20	15	15	15	15	15	19	19	18	15	13	14	18	20	20	18	16.9	24	35
8	14	12	13	12	13	19	24	21	20	16	15	13	15	14	18	17	19	21	19	17	13	14	15	14	16.1	24	31
9	13	12	13	16	14	18	24	30	21	15	14	15	15	15	20	23	26	19	14	13	13	15	14	14	16.8	24	35
10*	17	19	21	18	16	19	22	21	21	20	20	18	17	18	21	26	22	18	19	25	21	23	27	24	20.5	24	36
11*	18	17	17	17	14	12	13	12	11	13	16	11	11	16	19	21	24	19	18	20	22	23	21	15	16.5	24	30
12	12	12	14	12	15	19	26	25	19	16	14	15	15	11			20	18	19	23	21	22	14	13	17.0	22	34
13	12	13	15	16	12	16	25	28	20	18	16	15	14	17	22	18	15	12	13	17	16	15	12	12	16.2	24	35
14	11	10	10	10	9	13	16	15	17	19	17	14	14	12	19	22	26	14	11	12	11	10	10	9	13.7	24	33
15	8	8	7	7	8	12	15	17	14	12	11	11	11	11	13	16	15	12	11	13	11	10	11	8	11.3	24	22
16	13	14	12	9	9	15	17	15	14	11	10	10	9	12	13	12	12	12	11	16	13	16	16	13	12.6	24	21
17*	10	8	9	7	6	10	13	15	13	9	9	14	16	21	17	18	16	15	16	21	16	14	18	20	13.7	24	30
18*	16	14	8	7	7	8	10	9	7	8	7	8	9	10	10	13	14	13	14	13	13	13	11	9	10.4	24	23
19	6	5	6	6	6	16	21	21	15	16			15	16	19	19	22	16	13	14	13	11	9	7	13.1	22	29
20	6	5	5	5	4	11	14	17	15	12	11	11	11	12	16	15	16	13	9	8	10	8	7	6	10.3	24	29
21	5	5	4	4	4	10	16	16	14	12	13	11	15	17	17	22	19	18	12	14	15	13	10	10	12.4	24	30
22	8	8	6	7	8	17	22	21	18	16	15	11	10	9	13	15	14	12	11	12	11	10	11	11	12.3	24	33
23	9	8	8	8	8	14	19	23	21	16	15	14	13	15			21	19	18	19	16	18	17	17	15.2	22	28
24*	13	12	12	11	11	14	18	16	12	9	9	14	12	16	20	20	19	16	16	17	14	17	13	15	14.4	24	30
25*	13	11	9	8	9	8	9	9	10	11	10	12	11	10	10	13	16	15	15	15	14	15	14	12	11.5	24	20
26	10	10	11	17	19	20	19	22	25	20	14	12	12	12	13	17	20	21	17	20	20	15	13	10	16.2	24	30
27	9	9	8	8	8	14	18	26	22	20	18	17	11	14	17	15	15	14	12	16	19	18	12	11	14.5	24	34
28	9	8	8	8	9	13	18	21	15	10	9	9	8	9	10	11	10	9	8	8	8	7	6	6	9.8	24	27
29	5	5	5	5	5	7	10	11	10	9	9	8	8	8	9	11	14	13	11	12	10	9	8	8	8.7	24	18
30	6	6	7	6	7	9	14	16	14	13	12	9	10	12	12	13	15	16	15	18	18	16	15	12	12.1	24	23
MEAN	10	10	9	9	9	14	17	18	15	13	12	12	11	12	14	15	16	14	13	15	14	14	13	12	13.0		
NO.	30	30	30	30	30	30	30	30	30	30	29	29	30	30	27	27	30	30	30	30	30	29	29	30		710	
MAX	18	19	21	18	19	26	32	31	26	20	20	18	17	21	22	26	26	21	19	25	22	23	27	24	20.5		39

* Indicates Saturday or Sunday
Local standard time used

TABULATED THU., MAR. 16, 1967

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONCENTRATION IN PPM
INFRARED ANALYSIS

CHICAGO, ILL.

CARBON MONOXIDE
OCT. 1966

DAY OF MONTH	AM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	PM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5 MIN MAX
1*	12	11	9	8	9	10	13	14	12	11	13	12	11	11	12	12	11	11	10	16	14	13	14	12	11.7	24	20
2*	11	8	9	8	8	7	8	8	8	6	5	4	4	4	5	7	8	8	8	8	8	9	9	7	7.2	24	12
3	7	7	7	6	7	10	12	15	11				9	10	10	13	12	11	9	10	9	8	6	6	9.2	21	17
4	7	6	7	7	7	10	11	13	12	10	9	8	7	7	8	10	12	11	10	10	10	10	9	9	9.2	24	15
5	9	9	8	8	9	14	25	21	19	15	13	10	7	7	11	17	18	16	15	15	15	14	14	11	13.2	24	34
6	11	10	9	12	10	12	13	16	11	9	10	8	6	6	8	9	9	11	12	10	10	9	8	8	9.8	24	20
7	7	6	6	7	7	11	13	13	10	9	6	5	2	2	4	6	7	9	10	10	9	8	8	9	7.6	24	15
8*	8	8	8	8	7	9	10	10	8	7	9	7	7	5	6	6	8	11	10	9	8	8	9	7	7.9	24	13
9*	7	7	6	5	6	7	8	7	6	6	4	2	1	0	1	0	6	8	10	12	9	9	9	6	5.8	24	14
10	7	5	5	6	6	10	13	14	11	8					9	13	14	13	12	12	12	11	11	10	10.1	20	17
11	9	9	8	8	8	10	14	17	14	10	8	6	4	5	9	14	15	13	14	15	14	14	15	13	11.1	24	20
12	12	10	10	11	13	26	35	22	18	12	12	14	22	25	32	27	26	21	20	19	15	13	10	9	18.1	24	45
13	8	7	6	6	7	10	12	14	14	12	14	13	10	11	18	22	27	27	21	12	9	10	8	6	12.7	24	36
14	5	5	5	5	5	8	11	12	11	10	11	13			12	14	15	11	10	9	8	7	8	7	9.2	22	18
15*	6	4	4	4	4	6	5	5	6	6	7	8	9	9	10	9	9	10	9	10	9	10	11	11	7.5	24	11
16*	9	9	9	8	9	9	11	11	10	9	8	6	4	4	6	11	11	11	11	11	10	11	10	9	9.1	24	14
17	9	9	9	9	9	11	15	17	15	11	9	8	6	7	15	19	18	17	14	16	14	15	13	11	12.3	24	26
18	11	10	10	10	9	14	19	17	15	14	16	16	13	10	16	17	17	15	14	15	15	15	14	14	13.9	24	24
19	12	11	11	10	11	12	17	17	17	17	19	17	17	22	24	28	28	24	20	21	21	18	16	15	17.6	24	33
20	14	13	14	13	16	20	24	25	20	16	13	9	8	8	11	16	18	19	20	19	17	17	16	16	15.9	24	32
21	16	15	15	15	15	18	21	22	20	15	14	10	10	12	16	18	18	16	16	17	16	15	15	14	15.8	24	24
22*	13	12	12	11	11	13	14	14	15	10	9	8	6	5	5	6	9	10	14	15	15	16	18	17	11.5	24	20
23*	15	15	15	14	14	13	14	15	14	12	9	9	7	5	6	7	10	14	15	16	15	15	15	15	12.4	24	17
24	14	13	13	12	13	17	26	32	30	22	18	15	12	12		22	23	25	26	25	24	19	19	18	19.5	23	38
25	18	18	19	19	20	28	33	31	30	30	24	17	14	14	19	22	24	23	20	20	18	21	26	25	22.2	24	37
26	21	19	17	17	18	25	34	31	27	21	17	14	13	14	17	20	22	23	25	24	27	29	23	21	21.5	24	38
27	18	17	16	14	15	18	21	21	19	14	11	11	8	8	10	14	19	17	16	17	15	15	14	15	15.1	24	24
28	14	14	14	14	12	16	20	22	18	14	11	9	8	11	25	23	24	23	22	19	21	18	20	19	17.0	24	34
29*	18	14	14	13	13	16	17	20	21	21	21	24	21	19	17	20	18	18	18	24	20	19	20	21	18.6	24	31
30*	20	17	19	17	16	16	16	15	13	10	8	6	4	4	6	9	11	12	12	11	12	12	13	11	12.0	24	23
31	12	12	11	11	11	11	15	18	19	15	10			8	10	13	17	18	17	13	13	12	11	11	13.1	22	21
MEAN	12	11	10	10	10	13	17	17	15	13	12	10	9	9	12	14	16	15	15	15	14	14	13	12	12.9		
NO	31	31	31	31	31	31	31	31	31	30	29	28	28	29	30	31	31	31	31	31	31	31	31	31		732	
MAX	21	19	19	19	20	28	35	32	30	30	24	24	22	25	32	28	28	27	26	25	27	29	26	25	22.2		45

* Indicates Saturday or Sunday
Local standard time used

TABULATED THU., MAR. 16, 1967

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONCENTRATION IN PPM
INFRARED ANALYSIS

CHICAGO, ILL.

CARBON MONOXIDE
NOV. 1966

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS.	5 MIN. MAX.
1																											
2																											
3																											
4																											
5*																											
6*																											
7																											
8																											
9																											
10																											
11																											
12*																											
13*																											
14																											
15																											
16																											
17																											
18																											
19*																											
20*																											
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22																											
23																											
24																											
25																											
26*																											
27*																											
28																											
29																											
30																											
MEAN																									0.0		
NO																											
MAX																											0

* Indicates Saturday or Sunday
Local standard time used

TABULATED THU., MAR. 16, 1967

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONCENTRATION IN PPM
INFRARED ANALYSIS

CHICAGO, ILL.

CARBON MONOXIDE
DEC. 1966

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN MAX
1																											
2																											
3*																											
4*																											
5																											
6																											
7																											
8																											
9																											
10*																											
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12																											
13																											
14																											
15																											
16																											
17*																											
18*																											
19																											
20																											
21																											
22																											
23																											
24*																											
25*																											
26																											
27																											
28																											
29																											
30																											
31*																											
MEAN																									0.0		0
NO																											
MAX																											

* Indicates Saturday or Sunday
Local standard time used

TABULATED THU., MAR. 16, 1967

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONCENTRATION IN PPM
COLORIMETRIC ANALYSIS

CHICAGO, ILL.

NITRIC OXIDE
JAN. 1966

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5 MIN MAX
1*	.11	.12	.19	.20	.17	.15	.08	.08	.05	.03	.04	.06	.06	.09			.16	.19	.17	.16	.20	.19	.20	.20	.131	22	.27
2*	.18	.14	.08	.05	.03	.01	.02	.03	.05	.04	.04	.05	.08	.10			.07	.08	.07	.06	.05	.05	.05	.05	.062	22	.19
3	.05	.03	.03	.02	.03	.04	.08	.13	.15	.17	.14	.12	.11	.13			.18	.23	.23	.19	.16	.14	.13	.11	.117	22	.27
4	.09	.08	.06	.05	.06	.06	.10	.17	.21	.18	.14	.11	.12	.10				.16	.19	.17	.17	.16	.15	.14	.127	21	.22
5	.19	.18	.17	.15	.14	.22	.31	.45	.60	.57	.44	.31	.25	.23		.19	.30	.36	.34	.31	.24	.34	.28	.25	.296	23	.66
6	.19	.15	.10	.10	.08	.08	.11	.19	.24	.26	.19	.17	.18	.14			.13	.15	.14	.14	.13	.13	.12	.09	.144	22	.27
7	.08	.07	.05	.04	.04	.05	.08	.17	.19	.20	.18	.17	.17	.18		.18	.24	.25	.22	.18	.17	.17	.16	.19	.149	23	.25
8*	.15	.12	.10	.08	.08	.08	.13	.16	.17	.15	.15	.14	.11	.10					.13	.12			.09	.10	.119	18	.18
9*																											
10		.07	.06								.11	.09	.10	.10			.08	.10	.10	.09	.09	.11	.11	.11	.093	14	.14
11	.10	.06	.05	.05	.06	.09	.15	.29	.33	.24	.20	.19	.13	.10				.15	.13				.07	.06	.136	18	.35
12			.02	.02	.02	.05			.11		.09	.08	.08	.06					.09	.07	.06	.05	.06	.06	.060	15	.14
13	.06	.06	.06	.08	.09	.06	.10	.16	.18	.19	.19			.06			.11	.12	.11	.10	.10	.09	.09	.07	.102	20	.19
14	.06	.05		.07	.07	.07		.16		.18	.19		.25	.22			.20	.27	.18	.16	.27	.34	.24	.20	.177	18	.41
15*	.16	.12	.08	.06	.05	.04	.06	.09	.11	.13	.12	.13	.15	.18			.20	.17	.15	.11	.11	.08	.10	.15	.115	22	.21
16*	.14	.13	.09	.05	.05	.04	.03	.04	.05	.06	.06	.15	.11	.11			.18	.20	.18	.17	.15	.11	.11	.12	.105	22	.22
17	.12	.09	.06	.04	.06	.06			.20	.18	.17		.12	.09					.18	.17	.17			.12	.122	15	.21
18																											
19																											
20	.38	.30	.25	.25	.16	.16	.18	.25	.25	.24	.21	.19	.18	.20		.25	.19	.21	.17	.14	.14	.16	.19	.17	.211	23	.41
21	.08	.03	.02	.02	.02	.03	.07	.12	.13	.12	.10	.09	.09	.08			.13	.14	.10	.11	.12	.10	.11	.09	.085	22	.18
22*	.08	.07	.05	.04	.05	.03	.06	.12	.17	.16	.15	.14	.13	.13			.21	.26	.24	.18	.19	.16	.15	.18	.132	22	.29
23*	.15	.11	.09	.06	.04	.04	.04	.06	.07	.07	.07	.06	.05	.07			.10	.09			.10	.10	.10		.077	19	.17
24																											
25																											
26																											
27																											
28																											
29*	.19	.15	.10	.08	.06	.05	.07	.08		.12	.11	.11	.10	.10	.07	.10	.12	.10	.10	.10	.10	.08	.09	.10	.098	23	.20
30*	.11	.10	.08	.07	.05	.04	.05	.06		.05	.06	.05	.06	.06	.06	.07	.08	.10	.10	.09	.09	.09	.09	.07	.072	23	.12
31	.07	.06	.05	.04	.06	.07	.10	.18		.19	.14	.13	.13	.11			.09	.22	.16	.16	.16	.14	.16	.21	.124	21	.27
MEAN	.13	.10	.08	.07	.07	.07	.09	.15	.18	.17	.14	.13	.12	.12			.15	.18	.16	.14	.14	.14	.13	.13	.126		
NO	21	22	22	22	22	22	19	20	18	21	23	20	22	23	2	5	18	20	22	21	21	20	22	22		470	
MAX	.38	.30	.25	.25	.17	.22	.31	.45	.60	.57	.44	.31	.25	.23	.07	.25	.30	.36	.34	.31	.27	.34	.28	.25	.296		.66

* Indicates Saturday or Sunday
Local standard time used

TABULATED THU., MAR. 16, 1967

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONCENTRATION IN PPM
COLORIMETRIC ANALYSIS

CHICAGO, ILL.

NITRIC OXIDE
FEB. 1966

DAY OF MONTH	AM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	PM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN MAX
1	.22	.18	.13	.13	.22	.18	.27	.35	.25	.17	.16	.18	.16	.17				.10	.13	.14	.14	.09	.14	.12	.173	21	.41
2	.11	.08	.05	.04	.04	.06	.11	.20	.23	.25	.21	.13	.12	.10			.10	.11	.12	.15	.14	.12	.12	.12	.122	22	.27
3	.10	.10	.08	.07	.07	.10	.16	.34	.52	.49	.32	.22	.12	.11			.10	.10	.12						.183	17	.56
4				.03	.02	.03							.11			.10	.13	.15	.14	.11	.12	.12	.16	.22	.110	13	.25
5*	.19	.14	.11	.14	.14	.16	.19	.22	.17	.15	.15	.17	.14	.11		.07	.10	.12	.07	.10	.08	.07	.09	.08	.129	23	.24
6*	.07	.06	.05	.04	.05	.04	.05	.07	.10	.09	.09	.07	.08	.07			.19	.20	.24	.19	.23	.25		.15	.113	21	.29
7																											
8																											
9																											
10																											
11																											
12*																											
13*																											
14																											
15																											
16																											
17																											
18																											
19*																											
20*																											
21																											
22	.16	.14	.11	.08	.11	.14	.26	.40	.41	.36	.34	.25	.22	.27			.24	.23	.23	.14	.10	.14	.15	.17	.210	22	.46
23	.09	.06	.05	.04	.03	.03			.13			.07	.07	.05			.18	.18	.16	.15	.15	.18	.21	.19	.112	18	.24
24	.09	.05	.04	.03	.03	.03	.08	.12	.09	.10	.07	.07	.06	.07			.17	.19	.18	.12	.13	.15	.13	.14	.097	22	.21
25	.10	.08	.05	.05	.05	.06	.10	.15	.24	.18	.13	.13	.16	.15			.21	.23	.20	.23	.23	.19	.20	.25	.153	22	.28
26*	.20	.13	.09	.09	.09	.07	.10	.13	.15	.12	.08	.08	.09	.08			.19	.19	.25	.20	.22	.20	.22	.17	.142	22	.30
27*	.11	.07	.09	.05	.05	.05	.04	.04	.05	.04	.06	.09	.10	.14			.35	.17	.10	.10	.07	.09	.10	.12	.095	22	.44
28	.10	.06	.03	.05	.05	.04	.10	.17	.19	.19	.20	.18		.16		.26	.30	.28	.23	.24	.23	.18	.11	.08	.155	22	.32
MEAN																											
NO	12	12	12	13	13	13	11	11	12	11	11	12	12	12		3	12	13	13	12	12	12	11	12			
MAX	.22	.18	.13	.14	.22	.18	.27	.40	.52	.49	.34	.25	.22	.27		.26	.35	.28	.25	.24	.23	.25	.22	.25	.210	267	.56

* Indicates Saturday or Sunday
Local standard time used

TABULATED THU., MAR. 16, 1967

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONCENTRATION IN PPM
COLORIMETRIC ANALYSIS

CHICAGO, ILL.

NITRIC OXIDE
MARCH 1966

DAY OF MONTH	AM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	PM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN MAX
1	.05	.06	.04	.05	.06	.06	.10	.10	.10	.12	.10	.08	.07	.07			.10	.15	.19	.15	.15	.15	.15	.34	.110	22	.42
2	.28	.18	.07	.06	.05	.07	.14	.29	.38	.21	.13	.09	.10	.12			.12	.16	.16	.11	.10	.13	.12	.09	.143	22	.50
3	.09	.08	.05	.04	.05	.06	.12	.23	.24	.21	.10	.08	.06	.06		.07	.07	.10	.07	.06	.10	.16	.24	.19	.108	23	.31
4	.04	.06	.03	.02	.03	.03	.06	.09	.08	.09	.09	.08	.07	.08			.09	.08	.06	.08	.08	.07	.07	.10	.066	22	.12
5*	.07	.07	.06	.06	.06	.05	.06	.10	.12	.14	.13	.15	.13	.14		.12	.14	.17	.22	.19	.11	.10	.11	.11	.113	23	.25
6*	.13	.09	.09	.07	.05	.04	.04	.06	.05	.06	.05	.05	.07	.09			.10	.08	.09	.11	.11	.11	.11	.12	.080	22	.14
7	.10	.08	.06	.05				.25	.28	.27	.22	.18	.16					.16	.18	.13	.12	.15	.12	.14	.155	17	.31
8	.27	.10	.03	.10	.14	.13	.15	.23				.09	.08	.07			.11	.12	.12	.11	.11	.10	.10	.09	.116	19	.28
9	.09	.06	.04	.04	.05	.05	.11	.18	.20	.17	.17	.14	.12	.10			.12	.14	.14	.10	.08	.09	.12	.10	.110	22	.24
10	.08	.06	.05	.05	.05	.06	.13	.19	.21	.20	.13	.13	.11	.08			.13	.13	.12	.11	.11	.13	.13	.08	.112	22	.23
11	.06	.04	.02	.02	.02	.03	.07	.20	.20	.19	.16	.11	.06	.06			.13	.15	.15	.16	.12	.10	.12	.12	.103	22	.23
12*	.10	.09	.07	.04	.03	.04	.08	.09	.13	.16	.15	.15	.16	.17			.23	.16	.14	.18	.14	.10	.11	.13	.120	22	.29
13*	.12	.11	.06	.04	.03	.02	.02	.04	.04	.04	.04		.06	.07		.08	.13	.22	.18	.15	.18	.20	.17	.15	.097	22	.25
14	.10	.07	.03	.02	.02											.07	.12	.16	.15	.15	.17	.24	.20	.14	.117	14	.27
15	.11	.07	.05	.05	.04	.05	.13	.21	.17	.17	.14	.13	.10	.12			.13	.17	.13	.15	.13	.12	.09	.08	.115	22	.24
16	.10	.05	.02	.01	.02	.03	.08	.16	.15	.12	.11	.11	.10	.11		.14	.18	.22	.26	.18	.11	.14	.22	.08	.116	23	.31
17	.06	.05	.02	.06	.07	.09	.15	.23	.13	.10	.07	.04	.02	.01			.04	.04	.05	.03	.03	.03	.03	.02	.062	22	.25
18	.03	.01	.01	.01	.01	.02	.04	.09	.10	.09	.06	.05												.06	.044	13	.12
19*	.06	.07	.06	.04	.05	.05	.05	.05	.06	.08				.11		.07	.08	.10	.10	.10	.11	.11	.13	.18	.082	20	.22
20*	.18	.14	.08	.05	.04	.06	.08	.08	.05	.04	.05	.06	.12	.18			.25	.34	.33	.16	.12	.13	.18	.18	.131	22	.45
21																											
22	.06	.07	.06	.03	.04	.07	.13	.25	.24	.22	.21	.20	.15	.17		.21			.17	.19	.24	.21	.21	.16	.156	21	.31
23	.07	.03	.01	.02	.02	.02	.05	.12	.10	.06	.09			.06		.05	.07	.07	.06	.05	.05	.06	.07	.05	.055	21	.15
24	.04	.02	.01	.01	.02	.02	.08	.15	.15	.14	.11	.11	.09	.09			.14	.16	.14	.12	.10	.10	.09	.07	.089	22	.17
25	.05	.04	.03	.02	.03	.03	.06	.11	.12	.11	.09	.07	.06	.08			.16	.14	.11	.15	.13	.16	.16	.15	.092	22	.18
26*	.16	.10	.06	.03	.02	.02	.04	.12	.12	.17	.13	.13	.13	.15			.14	.17	.20	.14	.12	.13	.16	.21	.121	22	.23
27*																											
28		.06	.10	.11	.10	.12	.15	.20	.18	.13	.12	.09	.10			.06	.08	.10	.08	.13	.15	.31	.27	.19	.135	21	.40
29	.17	.15	.13	.13	.14	.13	.14	.18	.15	.13	.10	.11	.10	.12			.13	.12	.13	.14	.11	.12	.14	.15	.133	22	.19
30	.13	.08	.06	.03	.04	.06	.10	.18	.20	.18	.17	.12	.08	.07			.10	.10	.11	.09	.08	.08	.08	.10	.100	22	.20
31	.08	.04	.03	.01	.01	.08	.17	.29	.20	.17	.09	.07	.09	.09			.09	.10	.09	.09	.07	.06	.04	.02	.089	22	.32
MEAN	.10	.07	.05	.04	.05	.05	.09	.16	.15	.14	.12	.11	.09	.10			.12	.14	.14	.13	.11	.13	.13	.12	.106		
NO	28	29	29	29	28	27	27	28	27	27	26	25	25	25		9	26	27	28	28	28	28	28	29		611	
MAX	.28	.18	.13	.13	.16	.13	.17	.29	.38	.27	.22	.20	.16	.18		.21	.25	.34	.33	.19	.24	.31	.27	.34	.156		.50

* Indicates Saturday or Sunday
Local standard time used

TABULATED THU., MAR. 16, 1967

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONCENTRATION IN PPM
COLORIMETRIC ANALYSIS

CHICAGO, ILL.

NITRIC OXIDE
APRIL 1966

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS	5-MIN MAX
1	.02	.01	.01	.01	.00	.00	.02	.08	.12	.17	.11	.10	.10	.12			.20	.19	.21	.18	.18	.18	.15	.12	.102	22	.42
2*	.13	.09	.06	.04	.03	.03	.06	.10	.13	.13	.11	.11	.10	.12			.10	.14	.23	.19	.14	.08	.11	.14	.107	22	.27
3*	.12	.15	.13	.11	.07	.05	.04	.03	.02	.03	.05	.06	.08	.08		.14	.16	.17	.18	.13	.13	.14	.15	.18	.104	23	.21
4	.17	.14	.08	.07	.06	.07	.13	.28	.29	.21	.16	.15	.15			.09	.12	.13	.12	.09	.10	.12	.11	.10	.133	22	.32
5	.08	.04	.03	.02	.02	.03	.07	.12	.15	.13	.12	.10	.08	.10			.10	.11	.10	.08	.06	.07	.08	.08	.080	22	.17
6	.06	.04	.03	.02	.03	.03	.06	.09	.10	.10	.09	.08	.09												.062	13	.10
7																											
8	.10	.07	.05	.05	.05	.08	.15	.16	.21	.12	.08	.10	.10	.10			.16	.14	.14	.13	.09	.11	.13	.13	.110	22	.24
9*	.09	.07	.05	.04	.05	.05	.09	.13	.14	.14	.12	.13	.16	.14			.09	.11	.15	.13	.11	.15	.15	.19	.112	22	.21
10*																											
11																											
12	.11	.05	.02	.02	.02	.02	.08	.19	.20	.15	.12	.10	.11	.10		.13	.15	.19	.19	.14	.15	.14	.13	.11	.113	23	.23
13	.10	.07	.03	.02	.01	.02	.08	.18	.20	.16	.13	.11	.11	.09			.12	.17							.099	16	.21
14		.14	.09	.08	.05	.03	.09	.15	.16	.11	.11	.14	.12	.08											.102	13	.18
15																											
16*	.23	.22	.18	.12	.09	.15	.19	.23	.15	.15	.09	.07	.05	.06			.10	.11	.09	.11	.14	.09	.06	.15	.127	22	.27
17*	.27	.27	.18	.19	.15	.14	.11	.07	.06	.08	.05	.03	.01	.01		.05	.04	.04	.04	.08	.04	.03	.04	.06	.088	23	.33
18	.05	.02	.00	.00	.00	.01	.12	.29	.22	.22						.02	.04	.10	.09	.10	.12	.13	.12	.12	.092	19	.37
19	.08	.02	.00	.00	.00	.00	.02	.05	.11	.09	.07	.09	.05	.05											.044	14	.13
20																											
21		.02	.02	.01	.01	.04	.10	.22	.20	.15	.09	.06	.06	.05			.14	.18	.22	.11	.10	.23	.28	.26	.121	21	.35
22	.19	.12	.06	.03	.03	.02	.08	.11	.16	.10	.07	.06	.05					.18	.09	.07	.07	.08	.10	.13	.089	20	.25
23*	.16	.12	.09	.04	.02	.01	.05	.08	.09	.11	.12	.19	.20	.25			.34	.36	.34	.33	.35	.36	.36	.49	.202	22	.53
24*	.56	.47	.24	.14	.10	.08	.08	.08	.06	.04	.03	.01	.01	.01			.07	.08	.09	.09	.13	.18	.25	.25	.138	22	.57
25	.18	.12	.08	.07	.05	.09	.24	.35	.26	.11	.11	.07				.05	.09	.08	.07	.09	.09	.12	.06	.08	.116	21	.37
26	.06	.04	.02	.01	.04	.11	.15	.18	.19								.13	.10	.08	.10	.11	.12	.10	.10	.096	17	.23
27	.05	.03	.01	.01	.02	.06	.14	.17	.16	.08	.13	.13	.15	.17			.18	.16	.15	.14	.17	.13	.15	.11	.112	22	.21
28	.07	.05	.06	.07	.05	.08	.11	.13	.12	.08	.07	.06	.03	.04			.07	.07	.06	.07	.09	.10	.10	.10	.076	22	.14
29																											
30*	.03	.05	.03	.04	.03	.06	.08	.12	.16	.12	.13	.12	.12	.09			.12	.09	.10	.11	.07	.10	.14	.15	.093	22	.20
MEAN	.13	.10	.06	.05	.04	.05	.10	.15	.15	.12	.10	.09	.09	.09			.13	.14	.14	.12	.12	.13	.14	.15	.107		
NO	22	24	24	24	24	24	24	24	24	23	22	22	21	18		6	20	21	20	20	20	20	20	20		487	
MAX	.56	.47	.24	.19	.15	.15	.24	.35	.29	.22	.16	.19	.20	.25		.14	.34	.36	.34	.33	.35	.36	.36	.49	.202		.57

* Indicates Saturday or Sunday
Local standard time used

TABULATED THU., MAR. 16, 1967

CONTINUOUS AIR MONITORING PROGRAM

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

CHICAGO, ILL.

CONCENTRATION IN PPM
COLORIMETRIC ANALYSIS

NITRIC OXIDE
MAY 1966

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN MAX
1*	.13	.14	.11	.10	.09	.06	.06	.04	.04	.04	.04	.04	.04	.04			.10	.11	.09	.09	.08	.09	.07	.05	.073	22	.16
2	.04	.02	.01	.01	.02								.05				.13	.11	.05	.09	.12	.11	.08	.07	.064	14	.17
3	.05	.03	.03	.02	.03	.09	.21	.19	.17	.13	.11	.07	.07	.07		.07	.01	.07	.06	.08	.08	.10	.09	.17	.088	23	.23
4	.19	.15	.14	.13	.09	.09	.13	.11	.08	.05	.05	.04	.04	.07			.01	.05	.05	.06	.07	.06	.05	.04	.082	22	.21
5	.03	.02	.02	.01	.01	.03	.07	.09	.08	.03	.02	.01	.00	.00		.01	.02	.02	.05	.05					.030	19	.11
6																											
7*	.11	.06	.04	.03	.03	.04	.14	.22	.18	.13	.11	.10	.09	.08			.11	.10	.08	.06	.08	.09	.14	.15	.097	22	.26
8*	.15	.12	.07	.03	.02	.02	.02	.02	.03	.04	.06	.06	.07	.10			.08	.09	.07	.06	.06	.05	.05	.04	.059	22	.18
9	.02	.01	.01	.01	.01	.05	.13	.16	.15	.12			.08	.09		.10	.12	.15	.11	.12	.12	.11	.08	.07	.086	21	.18
10	.08	.05	.02	.02	.02	.07	.12	.10	.08	.04	.05	.06	.04	.08			.19	.18	.17	.21	.21	.19	.13	.08	.099	22	.25
11	.05	.03	.02	.01	.01	.04	.06	.06	.07	.05	.06	.06	.05	.05			.12	.15	.07	.06	.11	.12	.11	.07	.064	22	.16
12	.03	.02	.01	.02	.02	.07	.14	.15	.15	.12	.10	.11	.11	.18			.08	.07	.06	.08	.11	.11	.08	.08	.086	22	.30
13	.04	.01	.00	.00	.01	.03	.13	.18	.11	.12	.15	.16	.13	.16			.13	.12	.09	.09	.09	.09	.15	.16	.097	22	.25
14*	.15	.10	.07	.04	.04	.07	.12	.13	.08	.06	.07	.09	.08	.06			.06	.08	.07	.13	.15	.19	.21	.21	.102	22	.25
15*																											
16				.01	.03			.15	.12	.09	.07		.02	.05			.07	.07	.09	.15	.19	.20	.18	.25	.108	16	.28
17	.18	.09	.02	.01	.02	.07	.10	.12	.09	.12	.05	.07	.05	.12		.06	.15	.18	.12	.12	.16	.12	.30	.21	.109	23	.43
18	.24	.22	.11	.08	.07	.11	.19	.20	.17	.12	.10	.07	.07	.11			.04	.04	.03	.02	.04	.05	.05	.04	.098	22	.27
19	.01	.00	.00	.00	.01	.04	.08	.08								.03	.03	.02	.03	.05	.06	.06	.08	.03	.035	17	.12
20	.03	.02	.01	.01	.02	.05	.07	.07	.05	.04	.03	.02	.02	.02			.07	.08	.07	.09	.08	.10	.12	.10	.052	22	.13
21*	.10	.11	.07	.06	.07	.08	.08	.08	.07	.04	.03	.04	.05	.03			.05	.05	.04	.09	.12	.12	.11	.20	.076	22	.22
22*																											
23		.00	.00	.00	.00						.01						.01	.00	.01	.01	.03	.06	.05	.04	.015	13	.07
24	.02	.02	.01	.01	.01	.05	.10	.13	.10	.07	.05	.05	.05	.05			.07	.07	.06	.17	.22	.29	.20	.20	.091	22	.36
25	.14	.09	.06	.05	.07	.10	.17	.13	.08	.06	.04	.04	.03	.06		.04	.09	.09	.11	.11	.09	.16	.19	.11	.090	23	.23
26	.13	.21	.17	.17	.17	.26	.22	.12	.09	.02	.03	.03	.02	.01			.05	.04	.03	.05	.05	.05	.05	.05	.090	22	.37
27	.03	.02	.03	.03	.03	.06	.06	.06	.04	.02	.02	.02	.01	.01			.08	.09	.07	.09	.09	.07	.10	.08	.050	22	.11
28*	.07	.06	.03	.02	.01	.02	.04	.06	.07	.06	.08	.12	.10	.10			.09	.10	.07	.05	.06	.06	.09	.10	.067	22	.14
29*	.07	.05	.02	.01	.00	.00	.01	.02	.03	.03	.02	.03	.03	.03			.06	.05	.05	.11	.13	.16	.10	.11	.050	22	.17
30	.11	.05	.01	.01	.00	.00	.01	.01	.01	.02	.02	.03	.02	.02			.04	.03	.03	.03					.024	18	.13
31																											
MEAN	.09	.07	.04	.03	.03	.06	.10	.11	.09	.07	.06	.06	.05	.07			.08	.08	.07	.09	.10	.11	.11	.11	.075		
NO	25	26	26	27	27	24	24	25	24	24	24	22	25	24		6	27	27	27	27	25	25	25	25		561	
MAX	.24	.22	.17	.17	.17	.26	.22	.22	.18	.13	.15	.16	.13	.18		.10	.19	.18	.17	.21	.22	.29	.30	.25	.109		.43

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TABULATED THU., MAR. 16, 1967

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONCENTRATION IN PPM
COLORIMETRIC ANALYSIS

CHICAGO, ILL.

NITRIC OXIDE
JUNE 1966

DAY OF MONTH	AM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	PM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN MAX
1	.08	.06	.04	.03	.01	.05	.11	.12	.08	.07	.06	.06	.06	.07			.13	.12	.11	.14	.16	.13	.20	.10	.089	22	.24
2	.12	.23	.18	.13	.14	.17	.19	.18	.10	.08	.06	.06	.07	.10			.08	.08	.11	.12	.13	.08	.11	.06	.117	22	.25
3	.03	.02	.05	.05	.04	.06	.09	.09	.06	.07	.11	.06	.03	.02			.08	.05	.05	.06	.09	.10	.12	.07	.062	22	.14
4*	.04	.03	.03	.02	.03	.04	.06	.05	.05	.03	.02	.02	.02	.01			.02	.02	.03	.04	.05	.05	.05	.04	.033	22	.07
5*	.04	.03	.03	.02	.02	.02	.02	.02	.02	.01	.01	.01	.01												.020	13	.04
6	.01	.01	.01	.01	.02	.07	.13	.09	.07	.05		.03	.04	.04		.04	.05	.03	.03	.04	.05	.05	.05	.06	.044	22	.14
7	.02	.01	.01	.01	.03	.11	.25	.17	.08	.07	.05	.04	.04	.03		.05	.08	.12	.13	.13	[illegible]		.15	.18	.085	23	.28
8	.04	.02	.01	.01	.01	.05	.14	.15	.12	.12	.12	.11	.12	.15			.22	.13	.11	.13	.14	.14	.16	.11	.104	22	.23
9	.06	.04	.02	.02	.02	.10	.17	.22	.15	.16	.16	.17	.17	.19		.12	.15	.14	.13	.14	.13	.13	.11	.08	.120	23	.23
10	.06	.03	.02	.02	.02	.10	.17	.15	.13	.10	.08	.08	.07	.09			.09	.08	.07	.09	.09	.14	.18	.18	.092	22	.20
11*	.15	.11	.07	.04	.03	.02	.01	.02	.01	.01	.01	.01	.01	.00		.02	.01	.01	.01	.01	.03	.04	.07	.05	.032	23	.17
12*	.04	.02	.01	.00	.01	.01	.02	.02	.01	.00	.01	.02	.05	.03		.07	.08	.12	.11	.13	.12	.18	.17	.11	.058	23	.22
13	.05	.05	.04	.01	.02	.06	.12	.13	.13	.08	.05		.03				.14	.14	.09	.15	.17	.14	.12	.11	.091	20	.20
14	.12	.06	.03	.01	.01	.03	.08	.12	.07	.04	.04	.03	.03	.04			.06	.05	.05	.06	.07	.08	.09	.08	.056	22	.12
15																											
16																											
17		.11	.06	.04	.05	.12	.23	.22	.12	.08	.10	.04	.04	.06		.05	.07	.06	.06	.08	.09	.17	.15	.15	.097	22	.27
18*	.19	.15	.11	.09	.10	.10	.09	.11	.07	.04	.02	.02	.01	.02		.04	.05	.04	.02	.03	.05	.07	.05	.24	.073	23	.27
19*	.16	.11	.09	.05	.04	.07	.13	.08	.03	.02	.01	.02	.02	.02		.03	.03	.03	.02	.04	.09	.15	.14	.11	.064	23	.23
20	.09	.05	.04	.05	.07	.09	.13	.11	.08	.05	.03	.02				.01	.03	.02	.03	.04	.06	.09	.08	.07	.058	21	.14
21	.08	.03	.01	.01	.03	.06	.14	.13	.09	.04	.03	.02	.01	.01		.06	.03	.03	.02	.04	.12	.07	.07	.05	.050	23	.16
22	.03	.02	.01	.01	.01	.04	.08	.08	.12	.05	.02	.02	.01	.02		.05	.07	.10	.10	.06	.05	.05	.05	.04	.046	23	.13
23	.02	.02	.01	.01	.01	.03	.08	.08	.09	.05	.02	.01	.01	.02		.03	.02	.02	.02	.04	.05	.13	.14	.10	.042	23	.17
24	.06	.04	.04	.06	.08	.12	.14	.14	.09	.08	.03	.02	.02	.02			.05	.06	.07	.05	.08	.13	.14	.10	.072	22	.16
25*																											
26*																											
27																											
28		.01	.01	.00	.00	.03	.08	.10	.08	.04	.04	.05	.05	.06	.09		.07	.07	.04	.05	.10	.07	.05	.05	.051	22	.15
29	.03	.01	.02	.02	.01	.07	.14	.09	.06	.03	.04	.02	.02	.03		.06	.07	.07	.11	.11	.17	.19	.22	.16	.075	23	.27
30	.09	.12	.06	.04	.03	.08	.13	.15	.10	.05	.04	.03	.03	.03		.05	.06	.08	.10	.11	.11	.10	.11	.09	.076	23	.17
MEAN	.07	.05	.04	.03	.03	.07	.12	.11	.08	.06	.05	.04	.04	.05			.07	.07	.07	.08	.10	.11	.11	.10	.069		
NO	23	25	25	25	25	25	25	25	25	25	24	24	24	22	1	14	24	24	24	24	24	24	24	24		549	
MAX	.19	.23	.18	.13	.14	.17	.25	.22	.15	.16	.16	.17	.17	.19	.09	.12	.22	.14	.13	.15	.17	.19	.22	.24	.120		.28

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Air Quality Section, Laboratory of Engineering and Physical Sciences
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NITRIC OXIDE
JULY 1966

DAY OF MONTH	AM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	PM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5 MIN MAX
1	.06	.04	.03	.02	.03	.04	.09	.13	.15	.08	.05	.02	.02	.03		.04	.06	.06	.05	.06	.05	.08	.14	.09	.061	23	.19
2*	.06	.04	.02	.03	.05	.06	.05	.08	.07	.06	.06	.05	.04	.03		.04	.04	.06	.04	.06	.09	.07	.08	.13	.056	23	.17
3*	.19	.14	.10	.07	.10	.09	.09	.05	.04	.01	.01	.01	.01	.01		.01	.02	.02	.02	.03	.02	.08	.07	.09	.055	23	.24
4	.04	.03	.02	.02	.01	.01	.03	.03	.03	.03	.03	.02	.02	.01		.02	.03	.05	.04	.05	.05	.04	.09	.07	.034	23	.11
5	.04	.02	.01	.01	.01	.03	.08	.12	.11	.05				.02		.07	.09	.05	.04	.07	.08	.07	.06	.05	.053	20	.16
6	.03	.03	.02	.01	.02	.05	.09	.09	.05	.04	.03	.03	.03	.03		.05	.07	.05	.07	.09	.11	.11	.13	.13	.059	23	.15
7	.09	.05	.02	.02	.03	.08	.16	.15	.12	.10	.07	.06	.05	.06		.05	.07	.08	.09	.11	.15	.16	.12	.12	.086	23	.19
8	.07	.05	.04	.04	.09	.14	.17	.17	.06	.04	.03	.02	.02	.03		.05	.06	.08	.08	.06	.09	.16	.19	.13	.081	23	.23
9*	.12	.06	.04	.02	.02	.02	.03	.05	.02	.02	.02	.05	.04	.01		.01	.02	.02	.06	.13	.12	.19	.21	.16	.062	23	.25
10*	.09	.04	.04	.02	.02	.02	.03	.02	.01	.01	.01	.01	.01	.01		.03	.05	.07	.03	.04	.08	.06	.12	.06	.038	23	.15
11	.03	.01	.01	.01	.01	.02	.11	.15	.08	.08	.07		.03			.01	.01	.01	.02	.04	.03	.09	.10	.08	.046	21	.17
12	.04	.04	.05	.04	.03	.07	.07	.08	.03	.03	.02	.01	.00				.09	.08	.11	.11	.12	.11	.09	.14	.063	21	.18
13	.14	.13	.11	.08	.11	.12	.15	.12	.07	.08	.14	.14	.11	.08		.10	.09	.09	.08	.09	.12	.16	.14	.11	.112	23	.21
14	.04	.03	.01	.00	.01	.06	.13	.16	.15	.12	.09	.08	.08	.07		.07	.09	.06	.06	.08	.07	.07	.09	.07	.073	23	.20
15	.04	.03	.01	.01	.01	.08	.18	.17	.13	.09	.06	.05	.05			.05	.07	.06	.07	.08	.08	.09	.13	.11	.074	22	.21
16*	.07	.04	.01	.00	.00	.00	.02	.04	.03	.03	.02	.04	.03	.02		.05	.05	.05	.03	.03	.05	.10	.18	.11	.043	23	.21
17*	.06	.04	.03	.01	.06	.10	.07	.05	.02	.02	.01	.00	.00	.01		.02	.04	.02	.02	.02	.05	.10	.09	.07	.038	23	.15
18	.04	.01	.00	.00	.00	.03	.08	.07	.04	.01	.00	.00	.00	.00			.00	.00	.00	.00	.02	.02	.02	.02	.016	22	.09
19	.02	.01	.01	.00	.02	.08	.14	.16	.10	.08	.05	.04	.05	.05		.05	.07	.08	.06	.06	.07	.06	.03	.03	.056	23	.19
20	.01	.00	.00	.00	.00	.07	.15	.16	.11	.08	.07	.04	.04	.06		.06	.08	.06	.05	.08	.08	.14	.09	.05	.063	23	.19
21	.03	.01	.00	.00	.00	.06	.13	.10	.07	.05	.03	.03	.02	.04		.07	.11	.10	.12	.13	.12	.11	.09	.06	.063	23	.16
22	.01	.09	.15	.12	.11	.20	.23	.15	.13	.04	.03	.01	.00	.01			.05	.06	.05	.04	.03	.02	.02	.02	.071	22	.26
23*	.01	.02	.00	.00	.00	.01	.02	.02	.01	.00	.00	.00	.00	.00		.00	.00	.00	.00	.00	.02	.03	.06	.06	.011	23	.10
24*	.08	.09	.03	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		.00	.01	.02	.02	.02	.03	.05	.06	.00	.017	23	.12
25	.00	.00	.00	.02	.03	.12	.19	.17	.19	.10	.02	.01	.00			.01	.02	.02	.01	.02	.03	.04	.06	.07	.051	22	.22
26	.06	.06	.05	.06	.08	.13	.12	.08	.08	.03	.04	.01	.00	.00			.00	.03	.06	.09	.03	.05	.04	.05	.052	22	.15
27	.03	.02	.01	.01	.02	.06	.07	.11	.05					.06		.04	.04	.04	.04	.04	.06	.08	.10	.12	.053	19	.13
28	.09	.06	.04	.02	.02	.05	.10	.13				.00	.00	.00		.04	.05	.02	.04	.07	.06	.02	.01	.02	.042	20	.14
29	.03	.01	.00	.00	.00	.08	.18	.16	.11					.04			.04	.05	.03	.05	.04	.07	.06	.07	.056	18	.21
30*	.05	.02	.01	.00	.00	.02	.04	.02	.01	.00	.00	.01	.00	.00		.02	.04	.06	.06	.06	.10	.08	.08	.03	.030	23	.13
31*	.10	.20	.14	.13	.13	.10	.10	.05	.01	.01	.00	.00	.00	.00		.01	.01	.01	.02	.04	.06	.09	.11	.10	.061	23	.23
MEAN	.06	.04	.03	.03	.03	.06	.10	.10	.07	.04	.03	.03	.02	.02		.04	.05	.05	.05	.06	.07	.08	.09	.08	.054		
NO	31	31	31	31	31	31	31	31	30	28	27	27	28	27		26	31	31	31	31	31	31	31	31		689	
MAX	.19	.20	.15	.13	.13	.20	.23	.17	.19	.12	.14	.14	.11	.08		.10	.11	.10	.12	.13	.15	.19	.21	.16	.112		.26

* Indicates Saturday or Sunday
Local standard time used

TABULATED THU., MAR. 16, 1967

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONCENTRATION IN PPM
COLORIMETRIC ANALYSIS

CHICAGO, ILL.

NITRIC OXIDE
AUG. 1966

DAY OF MONTH	AM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	PM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS	5 MIN MAX
1	.09		.16	.07	.03	.06	.12	.09	.07	.06	.04	.00	.00				.00	.00	.01	.00	.00	.00	.03	.01	.042	20	.20
2	.00	.00				.01	.07	.12	.10	.08							.10	.09	.07	.08	.07	.08	.08	.07	.067	15	.13
3	.04	.02	.02	.02	.02	.08	.17	.14	.09	.07	.06	.06	.05	.07			.07	.06	.04	.07	.07	.06	.04	.07	.062	22	.17
4	.15	.11	.09	.07	.10	.18	.25	.20	.12	.05	.02	.01	.01	.02		.03	.04	.05	.03	.05	.03	.09	.10	.14	.084	23	.27
5	.13	.11	.09	.07	.11	.10	.22	.25	.15	.11	.04	.02	.04	.04			.03	.02	.03	.07	.08	.07	.13	.27	.099	22	.31
6*	.23	.20	.12	.13	.14	.23	.25	.17	.08	.04	.02	.01	.01	.01		.01	.03	.04	.02	.02	.01	.07	.14	.17	.096	23	.31
7*	.12	.11	.08	.08	.08	.06	.04	.02	.01	.01	.01	.00	.01	.01			.03	.05	.05	.07	.06	.08	.08	.08	.051	22	.15
8	.08	.05	.02	.02	.04	.07	.15	.15	.11	.05		.02	.04				.04	.04	.05	.04	.07	.11	.11	.09	.066	20	.16
9	.05	.04	.02	.02	.04	.08	.14	.11	.12	.06	.04	.03	.03	.04			.07	.04	.04	.08	.09	.11	.13	.10	.066	22	.16
10	.07	.04	.02	.03	.03	.06	.11	.09	.11	.09	.09	.09	.12	.11			.15	.13	.12	.10	.10	.09	.09	.07	.086	22	.15
11	.04	.05	.03	.02	.03	.08	.20	.15	.10	.06	.05	.05	.04	.04			.10	.06	.06	.10	.14	.09	.08	.08	.074	22	.25
12	.04	.09	.09	.12	.06	.09	.15	.14	.13	.10	.07	.09	.09				.10	.10	.10	.11	.11	.12	.13	.15	.102	21	.17
13*	.14	.09	.05	.03	.01	.03	.07	.05	.04	.02	.02	.04	.04	.03			.03	.04	.03	.04	.04	.04	.07	.09	.046	22	.16
14*	.08	.07	.06	.05	.05	.04	.03	.03	.04	.04	.04	.06	.05	.04			.07	.07	.09	.12	.12	.13	.16	.21	.074	22	.22
15																											
16																											
17																											
18																											
19	.03	.01	.01	.01	.02	.06	.14	.16	.13	.11	.10	.09	.07	.07			.04	.05	.07	.09	.11	.12	.11	.13	.079	22	.17
20*	.11	.09	.06	.02	.01	.03	.11	.11	.11	.10	.08	.07	.07	.07			.10	.08	.08	.08	.07	.10	.15	.15	.092	22	.17
21*	.11	.08	.02	.01	.01	.02	.04	.05	.04	.03	.02	.03	.02	.01			.05	.05	.03	.06	.08	.10	.12	.10	.049	22	.13
22	.04	.04	.01	.00	.01	.03	.06	.09	.09	.07	.06	.04	.03	.02		.06	.07	.06	.06	.07	.08	.07	.05	.04	.050	23	.10
23	.02	.01	.01	.01	.01	.05	.13	.14	.11	.08	.07	.07	.06	.07	.07		.10	.13	.10	.09	.10	.11	.10	.09	.074	23	.15
24	.04	.05	.03	.02	.02	.07	.15	.16	.11	.08	.08	.06	.06	.06			.07	.08	.07	.06	.10	.13	.15	.14	.082	22	.17
25	.14	.09	.05	.03	.04	.09	.17	.19	.15	.09						.03	.05	.05	.04	.08	.08	.07	.08	.06	.083	19	.22
26	.04	.03	.03	.03	.04	.11	.24	.20	.11	.04	.04	.03	.02	.02		.01	.02	.04	.04	.06	.10	.08	.12	.12	.067	23	.30
27*	.09	.06	.06	.04	.03	.04	.09	.14	.08	.04	.02	.01	.01	.01		.01	.02	.03	.02	.06	.11	.12	.12	.16	.059	23	.18
28*	.13	.08	.06	.04	.04	.05	.10	.08	.04	.02	.02	.01	.01	.00		.01	.01	.02	.03	.04	.09	.14	.15	.09	.055	23	.18
29	.04	.03	.03	.04	.05	.11	.18	.20	.11	.08	.09			.01	.01	.01		.03	.06	.04	.04	.06	.12	.09	.068	21	.24
30	.08	.08	.05	.08	.07	.09	.15	.16	.09	.03	.03	.04	.01	.01		.02	.03	.02	.02	.03	.08	.05	.06	.07	.058	23	.19
31	.06	.02	.01	.04	.09	.13	.20	.18	.10	.03	.02	.00	.00	.02		.01	.02	.04	.03	.05	.04	.05	.06	.08	.054	23	.23
MEAN	.09	.06	.05	.04	.05	.07	.14	.13	.09	.06	.05	.04	.04	.03			.05	.05	.05	.06	.08	.08	.10	.11	.070		
NO.	27	26	26	26	26	27	27	27	27	27	24	24	24	22	2	10	26	27	27	27	27	27	27	27		587	
MAX	.29	.20	.16	.13	.16	.23	.25	.25	.15	.11	.10	.09	.12	.11	.07	.06	.15	.13	.12	.12	.14	.14	.16	.27	.102		.31

* Indicates Saturday or Sunday
Local standard time used

TABULATED THU., MAR. 16, 1967

CONTINUOUS AIR MONITORING PROGRAM

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

CHICAGO, ILL.

CONCENTRATION IN PPM
COLORIMETRIC ANALYSIS

NITRIC OXIDE
SEPT., 1966

DAY OF MONTH	AM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	PM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5 MIN MAX
1	.07	.11	.12	.09	.10	.20	.31	.33	.16	.03	.01	.00	.00	.00		.00	.00	.01	.02	.09	.17	.12	.08	.13	.093	23	.39
2	.10	.08	.09	.09	.09	.12	.20	.16	.15	.07	.05	.00	.00	.00		.02	.03	.02	.02	.04	.06	.06	.09	.12	.071	23	.22
3*																											
4*																											
5		.01	.01	.00	.00	.02	.02	.02	.02	.01	.00	.00	.00	.00		.04	.07	.06	.07	.08	.08	.09	.08	.05	.033	22	.09
6	.03	.02	.01	.01	.03	.09	.22	.21	.14																		
7	.00	.00	.00	.00	.03	.18	.26	.17	.06	.03	.01	.02	.02	.02	.02		.01	.01	.01	.01	.01	.01	.01	.01	.049	17	.25
8	.06	.01	.00	.01	.04	.08	.18	.16	.09	.04	.03	.02	.01	.04		.03	.04	.05	.05	.06	.09	.12	.14	.11	.065	23	.35
9	.02	.01	.01	.03	.04	.09	.17	.26	.22	.13	.07				.02	.03	.08	.09	.14	.11	.07	.04	.05	.04	.061	23	.22
10*	.07	.10	.08	.11	.11	.11	.20	.20	.15	.12	.06	.03	.04	.03	.01	.03	.06	.09	.08	.04	.03	.04	.05	.05	.073	21	.28
																	.11	.12	.07	.12	.12	.11	.17	.15	.108	22	.22
11*	.12	.07	.09	.09	.06	.03	.04	.05	.02	.03	.04	.01	.01	.03	.04		.09	.10	.10	.10	.13	.14	.14	.08	.069	23	.17
12	.02	.01	.02	.01	.01	.09	.17	.11	.09	.06	.02	.01	.02	.01			.05	.04	.08	.13	.14	.14	.08	.02	.060	22	.19
13	.02	.02	.05	.03	.02	.03	.10	.26	.14	.05	.02	.01	.00	.02			.04	.02	.07	.12	.13	.12	.05	.03	.061	22	.32
14	.01	.00	.00	.01	.01	.05	.11	.15	.16	.10	.07	.04	.04	.07			.06	.06	.04	.05	.04	.04	.04	.03	.053	22	.19
15	.02	.01	.00	.00	.00	.04	.09	.09	.08	.06	.06	.05	.05	.07			.08						.08	.07	.049	17	.10
16	.12	.21	.20	.13	.10	.18	.25	.21	.13	.09	.04						.03	.06	.06	.12	.17	.19	.24	.23	.144	19	.26
17*	.19	.10	.08	.06	.03	.05	.10	.16	.15	.04	.02	.04	.06	.07			.11	.11	.09	.11	.10	.09	.10	.13	.089	22	.23
18*	.13	.11	.04	.01	.02	.02	.04	.04	.02	.02	.02	.03	.03	.03	.04			.06	.07	.06	.06	.05	.07	.07	.047	22	.15
19	.03	.01	.00	.00	.00	.07	.18	.17	.12	.09	.10	.10	.06	.05			.06	.05	.05	.06					.066	18	.20
20																											
21	.02	.01	.00	.00	.01	.04	.10	.11	.11	.10	.10	.07	.10	.13			.12	.10	.09	.10	.18	.17	.13	.11	.085	22	.21
22	.09	.07	.06	.02	.03	.08	.17	.19	.15	.11	.11	.07	.06	.08			.11	.11	.11	.11	.11	.09	.11	.13	.098	22	.21
23	.07	.02	.01	.02	.04	.11	.21	.25	.19	.13	.11	.09	.08				.11	.13	.14	.18	.16	.17	.15	.18	.121	21	.27
24*	.15	.10	.09	.08	.07	.14	.24	.19	.10	.04	.05	.07	.07	.05			.14	.13	.10	.14	.11	.13	.14	.16	.112	22	.28
25*	.13	.11	.06	.04	.05	.05	.06	.10	.11	.13	.14	.10	.07	.06			.13	.15	.13	.13	.10	.11	.11	.07	.097	22	.17
26	.03	.02	.01	.18	.37	.38	.33	.26	.32	.23		.05	.06	.07		.10	.12	.13	.14	.16	.20	.18	.09	.09	.159	22	.42
27	.03	.02	.01	.01	.01	.05	.13	.25	.32	.18	.16	.13	.06	.06		.06	.06	.06	.03	.08	.21	.27	.22	.13	.110	23	.41
28	.08	.05	.04	.03	.07	.12	.22	.29	.17	.10	.04	.03	.03	.03		.08	.06	.07	.08	.07	.07	.06	.05	.04	.082	23	.33
29	.03	.02	.01	.01	.01	.04	.08	.11	.07	.05	.04	.04	.05	.05		.08	.09	.12	.10	.10	.12	.11	.07	.07	.064	23	.14
30	.06	.03	.03	.03	.04	.08	.15	.19	.18	.14	.11					.07	.11	.13	.16	.19	.21	.19	.22	.17	.124	20	.27
MEAN	.06	.05	.04	.04	.05	.09	.16	.17	.13	.08	.06	.04	.04	.04			.07	.08	.08	.10	.11	.11	.11	.09	.083		
NO	26	27	27	27	27	27	27	27	27	26	25	23	23	22	4	10	26	26	26	26	25	25	26	26		581	
MAX	.18	.21	.20	.18	.37	.38	.33	.33	.32	.23	.16	.13	.10	.13	.04	.10	.14	.15	.16	.19	.21	.27	.24	.23	.159		.42

* Indicates Saturday or Sunday
Local standard time used

TABULATED THU., MAR. 16, 1967

CONTINUOUS AIR MONITORING PROGRAM

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

CONCENTRATION IN PPM
COLORIMETRIC ANALYSIS

CHICAGO, ILL.

NITRIC OXIDE
OCT. 1966

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS	5 MIN MAX
1*	.14	.11	.06	.04	.03	.06	.14	.17	.14	.11	.09	.10	.09	.07		.08	.07	.10	.08	.12	.14	.14	.14	.17	.104	23	.20
2*	.14	.15	.13	.10	.09	.05	.06	.06	.04	.02	.02	.00	.01	.01		.02	.03	.03							.056	17	.17
3									.10	.05	.03	.02	.01	.01			.03	.03	.05	.02	.02	.01	.01	.00	.027	14	.13
4	.01	.00	.00	.00	.00	.03	.06	.09	.07	.06	.05	.03	.03	.03		.04	.06	.05	.04	.05	.04	.02	.02	.01	.034	23	.11
5	.00	.00	.00	.00	.00	.06	.23	.22	.17	.13	.12						.13	.11	.13	.16	.16	.17	.18		.109	18	.30
6																											
7																											
8*																											
9*																											
10																											
11	.05	.03	.03	.02	.04	.10	.22	.25	.16	.10	.07	.04	.04	.04			.08	.09	.10	.13	.17	.17	.22	.23	.108	22	.27
12	.15	.09	.08	.07	.14	.36	.64	.39	.21	.10	.08	.09	.13	.21			.26	.22	.28	.28	.22	.26	.11	.14	.205	22	.74
13	.13	.11	.05	.06	.07	.14	.21	.21	.17	.21				.05		.15	.19	.23	.26	.12	.09	.15	.12	.09	.140	20	.33
14	.07	.05	.05	.04	.05	.08	.13	.16	.16	.15	.15	.16	.16	.16			.11	.08	.04	.03	.02	.01	.02	.02	.086	22	.17
15*	.02	.01	.01	.02	.02	.04	.04	.05	.05	.07	.07	.07	.06	.06			.08	.09	.08	.08	.08	.08	.10	.10	.058	22	.11
16*	.11		.00	.00	.00	.00	.02	.03	.05	.08	.06	.04	.07	.07			.13	.13	.13	.11	.09	.09	.08	.07	.064	21	.17
17	.07	.05	.03	.04	.06	.11	.20	.29	.25					.08			.10	.09	.05	.05	.05	.08	.09	.04	.095	18	.33
18	.02	.01	.00	.02	.04	.09	.22	.28	.25	.12	.13	.11	.08	.06			.12	.12	.10	.11	.11	.11	.11	.14	.105	22	.29
19	.12	.09	.07	.05	.06	.11	.17	.18	.14	.11	.15	.17	.15	.21	.19		.20	.21	.20	.23	.24	.21	.16	.13	.152	23	.26
20	.10	.07	.07	.07	.13	.25	.40	.40	.33	.25	.16	.07	.06	.05			.06	.11	.10						.156	17	.48
21																											
22*																											
23*																											
24																											
25	.09	.05	.05	.14	.15	.26	.38	.38	.39	.41	.30	.12	.12	.08			.21	.26	.17	.15	.15	.10	.35	.49	.216	22	.52
26	.37	.29	.21	.17	.19	.28	.54	.56	.44	.25							.20	.26	.30	.34	.37	.57	.49	.36	.343	18	.63
27	.15	.07	.03	.03	.04	.13	.25	.28	.22	.13	.10	.08	.06	.05			.15	.17	.13	.10	.10	.12	.11	.11	.118	22	.31
28	.09	.07	.04	.02	.03	.07	.19	.25	.25	.11	.08	.07	.08	.09			.20	.19	.21	.21	.19	.23	.23	.25	.143	22	.29
29*	.28	.19	.08	.05	.02	.06	.13	.17	.21	.17	.18	.17	.20	.22			.18	.17	.13	.14	.17	.15	.20	.23	.157	22	.28
30*	.23	.20	.22	.28	.23	.22	.18	.16	.15	.12	.08	.05	.04	.06			.12	.13	.13	.12	.12	.10	.08	.10	.141	22	.33
31	.10	.08	.06	.05	.06	.08	.15	.21	.25	.23	.16	.09	.07	.07			.08	.17	.13	.12	.11	.13	.10	.09	.115	22	.26
MEAN	.12	.09	.06	.06	.07	.12	.22	.23	.19	.14	.11	.08	.08	.08			.13	.13	.14	.13	.13	.14	.15	.14	.125		
NO.	21	20	21	21	21	21	21	21	22	21	19	18	18	20	1	4	22	22	21	20	20	20	20	19		454	
MAX	.37	.29	.22	.28	.23	.36	.64	.56	.44	.41	.30	.17	.20	.22	.19	.15	.26	.26	.30	.34	.37	.57	.49	.49	.343		.74

* Indicates Saturday or Sunday
Local standard time used

TABULATED THU., MAR. 16, 1967

CONTINUOUS AIR MONITORING PROGRAM

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

CONCENTRATION IN PPM
COLORIMETRIC ANALYSIS

CHICAGO, ILL.

NITRIC OXIDE
NOV. 1966

DAY OF MONTH	AM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	PM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5 MIN MAX
1	.10	.08	.05	.03	.04	.04	.09	.25	.33	.33	.25	.24	.24	.25			.31	.33	.34	.28	.24	.24	.24	.21	.204	22	.35
2	.22	.13	.09	.06	.06	.09	.17	.36	.28	.20	.23	.19	.14	.13			.18	.22	.19	.17	.16	.20	.19	.15	.172	22	.45
3	.12	.06	.04	.02	.02	.03	.09	.19	.24	.21	.17	.13	.13	.11				.12	.12	.12	.15	.19	.19	.18	.125	21	.24
4	.14	.12	.14	.12	.10	.12	.15	.28	.27	.22	.20	.15	.10	.08			.25	.27	.28	.30	.30	.28	.28	.25	.200	22	.32
5*	.22	.22	.24	.17	.07	.06	.08	.14	.15	.16	.15	.14	.12	.11			.17	.22	.19	.21	.27	.26	.27	.30	.179	22	.33
6*	.34	.26	.18	.13	.12	.15	.16	.19	.17	.09	.08	.07	.04	.04			.07	.07	.10	.12	.08	.10	.10	.09	.124	22	.35
7	.09	.07	.04	.04	.05	.07	.10	.18	.25	.26	.22	.13	.09	.08			.10	.16	.15	.12	.08	.07	.08	.06	.113	22	.29
8	.06	.07	.05	.04	.05	.05	.08	.13	.17	.18	.18	.17	.18	.25			.27	.27	.22	.18	.19	.25	.25	.25	.160	22	.30
9	.19	.14	.11	.10	.11	.18	.22	.31	.28	.18	.20	.18	.17	.20			.17	.21	.20	.20	.20	.22	.16	.11	.182	22	.36
10	.11	.06	.03	.02	.01	.03	.08	.15	.21	.22	.14	.14	.15	.16			.18	.16	.18	.16	.12	.14	.10	.11	.120	22	.26
11	.16	.12	.13	.08	.10	.12	.25	.48	.52	.37	.26	.22	.18	.12			.20	.26	.32	.33	.24	.25	.25	.25	.236	22	.59
12*	.19	.18	.16	.11	.09	.06	.10	.15	.23	.20	.18	.22	.20	.23			.24	.24	.21	.17	.21	.18	.18	.39	.186	22	.47
13*	.36	.39	.36	.20	.11	.03	.24	.23	.17	.15	.11	.07	.07	.07			.14	.18	.17	.18	.13	.14	.18	.15	.174	22	.44
14	.17	.15	.09	.05	.03	.05	.16	.33	.36	.31	.18	.10	.13												.161	13	.41
15																											
16	.08	.07	.07	.04	.04	.06	.11	.22	.26	.27	.22	.19	.14	.10				.16	.21	.16	.15	.13	.12	.11	.138	21	.32
17	.11	.06	.04	.03	.04	.05	.09	.15	.22		.13	.08	.06	.04			.14	.15	.15	.15	.13	.16	.10	.09	.102	21	.24
18	.07	.05	.04	.03	.03	.04	.08	.16	.18	.17	.15	.15	.12				.20	.24	.23	.23	.20	.22	.23	.24	.145	21	.26
19*	.23	.20	.17	.14	.13	.13	.26	.46	.45	.47	.47	.41	.38	.31			.31	.25	.22	.16	.13	.16	.17	.15	.262	22	.56
20*	.10	.11	.08	.04	.04	.05	.05	.06	.10	.10	.11	.14	.17	.18			.20	.22	.19	.19	.15	.08	.08	.10	.114	22	.22
21	.11	.15	.12	.09	.08	.05	.07	.29	.46	.50	.28	.21	.19	.13			.12	.12	.09	.12	.14	.10	.07	.08	.162	22	.53
22	.07	.06	.03	.03	.03	.04	.07	.13	.18	.17	.13	.09	.08	.08			.11	.08	.08	.10	.08	.07	.06	.05	.082	22	.19
23	.05	.03	.02	.02	.03	.04	.06	.12	.15	.13	.12	.11	.10	.08			.12	.12	.08	.08	.08	.11	.11	.10	.083	22	.15
24	.09	.07	.04	.04	.03	.03	.04	.06	.09	.07	.08	.05	.03	.03			.07	.06	.08	.09	.08	.08	.08	.06	.061	22	.10
25	.04	.04	.02	.02	.01	.01	.03	.06	.10	.09	.08	.09	.10	.09			.12	.13	.12	.10	.12	.12	.10	.16	.079	22	.17
26*	.17	.20	.15	.12	.10	.10	.10	.11	.18	.17	.15	.09	.10	.11			.17	.16	.16	.17	.13	.18	.17	.14	.142	22	.22
27*	.10	.07	.08	.07	.07	.12	.10	.06	.05	.05	.05	.06	.09	.10						.10	.08	.09	.10	.08	.080	19	.13
28	.06	.04	.02	.02	.03	.03	.08	.17	.18	.17				.07			.15	.15	.11	.12	.11	.10	.08	.07	.091	19	.20
29	.06	.03	.02	.02	.02	.03	.08	.16	.19	.17	.16	.16	.14	.12		.14	.19	.20	.17	.12	.12	.14	.12	.11	.115	23	.22
30	.10	.06	.05	.04	.04	.05	.12	.20	.21	.19	.17	.20	.16	.15			.12	.15	.17	.16	.16	.16	.13	.11	.131	22	.22
MEAN	.13	.11	.09	.07	.06	.07	.11	.20	.23	.21	.17	.15	.13	.13			.17	.18	.17	.16	.15	.16	.15	.15	.142		
NO	29	29	29	29	29	29	29	29	29	28	28	28	28	27		1	25	27	27	28	28	28	28	28		620	
MAX	.36	.39	.36	.20	.13	.18	.26	.48	.52	.50	.47	.41	.38	.31		.14	.31	.33	.34	.33	.30	.29	.28	.39	.262		.59

* Indicates Saturday or Sunday
Local standard time used

TABULATED THU., MAR. 16, 1967

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONCENTRATION IN PPM
COLORIMETRIC ANALYSIS

CHICAGO, ILL.

NITRIC OXIDE
DEC. 1966

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5 MIN MAX
1	.09	.06	.03	.02	.03	.04	.06	.08	.09	.11	.09	.09	.08	.08			.11	.12	.11	.10	.07	.08	.09	.09	.078	22	.13
2	.06	.03	.02	.02	.02	.02	.05	.10	.12	.10	.10						.11	.15	.15	.14	.17	.18	.22	.21	.103	19	.23
3*	.17	.16	.13	.10	.09	.08	.08	.13	.18	.16	.19	.23	.18	.18			.25	.20	.22	.25	.16	.12	.11	.11	.156	22	.29
4*	.13	.11	.10	.10	.06	.06	.07	.10	.08	.05	.04	.08	.09	.09			.18	.16	.13	.12	.10	.10	.10	.11	.097	22	.19
5																											
6																											
7	.17	.11	.06	.04	.05	.06	.14	.27	.26	.23	.21	.23	.29	.31				.27	.24	.22	.22	.22	.25	.26	.195	21	.34
8	.20	.13	.10	.04	.03	.03	.05	.13	.17	.19	.13	.11	.08	.08											.104	14	.22
9																											
10*	.13	.09	.05	.04	.08	.10	.13	.18	.30	.34	.32	.32	.32	.35			.34	.31	.30	.24	.21	.21	.20	.20	.215	22	
11*	.22	.16	.13	.13	.07	.06	.07	.08	.09	.07	.09	.13	.12	.14			.20	.16	.16	.20	.20	.33	.27	.23	.148	22	
12	.26	.21	.22	.20	.16	.16	.17	.30	.43	.38	.33	.24	.23	.21			.40	.32	.30	.26	.25	.23	.19	.19	.254	22	
13	.15	.24	.25	.14	.08	.09	.14	.24	.30	.22	.24	.25	.25	.22			.30	.28	.42	.27	.22	.20	.17	.19	.221	22	.68
14	.13	.08	.08	.09	.09	.10	.20	.30	.36	.36	.27	.36	.23	.20			.30								.210	15	.54
15																											
16	.11	.09	.05	.03	.03	.04	.05	.10	.16	.15	.12	.12	.11	.13		.16	.20	.20	.18	.16	.18	.15	.14	.16	.121	23	.23
17*	.14	.14	.14	.14	.13	.15											.16	.14	.17	.16	.16	.18	.18	.16	.154	14	.19
18*	.15	.11	.11	.08	.04	.08	.08	.11	.12	.12	.09	.09	.11	.11		.12	.15	.12	.13	.15	.14	.14	.11	.12	.112	23	.19
19	.08	.05	.04	.02	.02	.02	.06	.12	.17	.16	.11	.15	.10	.08		.20	.19	.19	.12	.10	.11	.11	.11	.09	.105	23	.24
20	.07	.05	.03	.03	.03	.04	.11	.20	.24	.21	.20	.22	.17	.17		.15	.17	.15	.16	.14	.14	.10	.10	.06	.128	23	.26
21	.12	.09	.06	.09	.07	.08	.13	.27	.27	.14	.13	.12	.14	.17		.18	.24	.28	.26	.24	.22	.23	.19	.15	.166	23	.32
22	.15	.11	.08	.07	.08	.09	.16	.28	.31	.26	.22	.20	.21	.18		.26	.30	.26	.24	.21	.24	.24	.21	.21	.198	23	.34
23	.16	.14	.09	.08	.07	.09	.15	.20	.23	.22	.23	.26	.22	.22			.25	.36	.43	.41	.47	.50	.44	.40	.255	22	.53
24*																											
25*																											
26																											
27																											
28	.08	.05	.03	.02	.01	.01	.05	.07	.07	.08	.07	.10	.14	.15			.14	.05	.04	.03	.03	.03	.04	.06	.061	22	.42
29	.03	.02	.01	.01	.01	.01	.03	.06	.07	.10	.09	.09	.09	.07			.10	.12	.12	.11	.11	.10	.09	.11	.070	22	.13
30	.10	.10	.09	.09	.07	.09	.13	.24	.23	.21	.15	.14	.11	.11			.18	.17	.18	.20	.18	.17	.17	.17	.147	22	.27
31*	.17	.12	.11	.07	.05	.05	.06	.10	.12	.12	.13	.14	.14	.11			.17	.15	.11	.10	.10	.09	.09	.09	.107	22	.21
MEAN	.13	.10	.09	.07	.06	.07	.10	.17	.20	.18	.16	.17	.16	.16			.21	.20	.20	.18	.18	.18	.16	.16	.148		
NO	23	23	23	23	23	23	22	22	22	22	22	21	21	21		6	21	21	21	21	21	21	21	21		485	
MAX	.26	.24	.25	.20	.16	.16	.20	.30	.43	.38	.33	.36	.32	.35		.26	.40	.36	.43	.41	.47	.50	.44	.40	.255		.68

* Indicates Saturday or Sunday
Local standard time used

TABULATED THU., MAR. 16, 1967

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONCENTRATION IN PPM
COLORIMETRIC ANALYSIS

CHICAGO, ILL.

NITROGEN DIOXIDE
JAN. 1966

Reproduced from best available copy.

DAY OF MONTH	AM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	PM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS	5-MIN MAX
1*	.03	.03	.03	.04	.03	.03	.03	.03	.03	.03	.04	.03	.03	.04		.02	.04	.04	.04	.04	.04	.04	.03	.03	.033	23	.04
2*	.03	.03	.03	.03	.03	.02	.02	.02	.02	.02	.03	.03	.03	.03			.02	.03	.03	.03	.02	.03	.03	.03	.027	22	.04
3	.03	.02	.02	.02	.02	.03	.03	.03	.03	.03	.04	.04	.04	.04			.04	.04	.04	.04	.04	.04	.04	.03	.033	22	.05
4	.03	.03	.03	.03	.03	.03	.03	.03	.03	.04	.04	.04	.04	.04				.04	.04	.04	.04	.04	.04	.05	.036	21	.05
5	.05	.04	.05	.05	.04	.05	.05	.05	.06	.07	.08	.09	.11	.11		.06	.06	.06	.07	.06	.05	.06	.05	.05	.061	23	.11
6	.04	.04	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03		.02	.02	.03	.02	.02	.02	.03	.02	.02	.028	23	.06
7	.02	.02	.02	.02	.02	.02	.02	.02	.03	.03	.03	.03	.03	.03		.03	.03	.03	.03	.03	.03	.03	.03	.04	.027	23	.04
8*	.03	.03	.03	.02	.02	.03	.03	.03	.03	.04	.04	.04	.05	.04		.03	.03	.03	.03	.03	.03	.03	.03	.03	.031	23	.05
9*	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.03		.03	.03	.03	.03	.03	.03	.04	.03	.03	.025	23	.04
10	.03	.03	.02	.02	.02	.02	.02	.02	.03	.03	.03	.03	.03	.03		.02	.02	.03	.03	.03	.03	.03	.03	.04	.027	23	.07
11	.03	.03	.03	.03	.03	.03	.03	.03	.03	.04	.03	.03	.03	.03		.02	.03	.03	.03	.03	.03	.03	.03	.03	.030	23	.05
12	.05	.03	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.01		.02	.02	.03	.03	.03	.03	.04	.09	.06	.029	23	.15
13	.03	.03	.03	.03	.03	.03	.03	.03	.03	.04	.04						.04	.05	.05	.05	.04	.05	.04	.04	.037	19	.05
14	.04	.04	.03	.04	.04	.04	.03	.03	.03	.03	.04	.04	.05	.05		.03	.04	.04	.04	.03	.05	.05	.04	.04	.038	23	.06
15*	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03		.03	.04	.04	.04	.03	.03	.03	.03	.03	.031	23	.04
16*	.04	.03	.03	.03	.03	.03	.03	.03	.04	.04	.04	.05	.05	.05			.04			.04	.04				.037	17	.05
17		.04	.03	.03							.04	.04	.04	.04				.05	.04	.04	.04	.04	.04	.04	.040	14	.05
18	.04	.04	.03	.03	.04	.04	.04	.04	.04	.04	.05	.05	.05	.05			.05	.05	.05	.05	.05	.05	.05	.04	.044	22	.06
19	.04	.04	.04	.04	.04	.04	.04	.04	.05	.06	.05	.05	.06	.06				.03	.03	.04	.05	.05	.05	.05	.045	21	.06
20	.05	.05	.05	.05	.04	.05	.04	.04	.04	.04	.04	.04	.04	.05			.03	.03	.03	.03	.03	.03	.03	.03	.039	22	.06
21	.03	.02	.02	.02	.02	.02	.03	.02	.02	.03	.03	.03	.03	.03		.03	.03	.03	.03	.03	.03	.03	.03	.02	.026	23	.04
22*	.03	.02	.02	.02	.02	.02	.02	.02	.03	.03	.03	.03	.03	.03			.03	.03	.03	.03	.03	.04	.04	.04	.028	22	.05
23*	.04	.03	.03	.03	.03	.03	.03	.02	.03	.03	.03	.03	.03	.03			.04	.04	.04	.03	.03	.03	.03	.03	.031	22	.04
24																											
25																											
26																											
27																											
28																											
29*	.04	.04	.04	.04	.04	.04	.04	.04		.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.03	.03	.03	.038	23	.05
30*	.03	.03	.03	.03	.03	.03	.03	.03		.03	.03	.03	.03	.04	.03	.03	.04	.04	.04	.04	.04	.04	.04	.03	.033	23	.04
31	.04	.03	.03	.03	.03	.03	.03	.03		.04	.04	.04	.04	.04			.03	.05	.04	.04	.04	.04	.04	.04	.037	21	.05
MEAN	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.04	.04	.04	.04			.03	.04	.04	.04	.04	.04	.04	.04	.034		
NO	25	26	26	26	25	25	25	25	22	25	26	25	25	25	2	14	23	25	25	26	26	25	25	25		567	
MAX	.05	.05	.05	.05	.04	.05	.03	.05	.06	.07	.08	.09	.11	.11	.04	.06	.06	.06	.07	.06	.05	.06	.09	.06	.061		.15

* Indicates Saturday or Sunday
Local standard time used

TABULATED THU., MAR. 16, 1967

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONCENTRATION IN PPM
COLORIMETRIC ANALYSIS

CHICAGO, ILL.

NITROGEN DIOXIDE
FEB. 1966

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5 MIN MAX
1	.04	.05	.04	.04	.05	.04	.04	.04	.04	.04	.03	.03	.04	.04			.04	.04	.04	.04	.04	.03	.04	.03	.039	22	.05
2	.03	.03	.03	.03	.03	.03	.03	.03	.04	.04	.04	.04	.04	.04		.04	.05	.05	.05	.05	.05	.05	.05	.05	.040	23	.05
3	.05	.05	.04	.04	.04	.04	.04	.05	.07	.07	.08	.07	.06	.06			.04	.04	.05	.05	.05	.05	.04	.04	.050	22	.08
4	.04	.03	.03	.03	.03	.03	.03	.03	.03	.04	.04	.04	.04	.04			.04	.04	.04	.04	.04	.04	.04	.04	.037	22	.05
5*	.04	.04	.04	.04	.04	.04	.05	.05	.04	.04	.04	.05	.05	.06			.04	.04	.04	.04	.04	.04	.04	.04	.043	22	.06
6*	.04	.04	.03	.03	.04	.03	.03	.03	.04	.03	.04	.04	.05	.06			.05	.05	.06	.05	.05	.05	.06	.05	.044	22	.09
7	.05	.05	.05	.05	.05	.05	.05	.05	.06	.07	.07	.08	.09	.09											.060	14	.10
8																											
9																											
10																											
11																											
12*																											
13*																											
14																											
15																											
16																											
17																											
18																											
19*																											
20*																											
21																											
22	.04	.04	.04	.04	.04	.04	.04	.04	.05	.05	.06	.04	.05	.05			.05	.05	.05	.04	.04	.04	.03	.03	.043	22	.07
23	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03			.04	.04	.04	.04	.03	.04	.03	.03	.032	22	.05
24	.03	.03	.02	.02	.02	.02	.03	.03	.03	.03	.03	.03	.03	.03			.05	.06	.06	.05	.05	.05	.04	.04	.035	22	.06
25	.04	.04	.04	.03	.03	.03	.04	.03	.04	.04	.04	.04	.05	.05			.05	.05	.05	.05	.05	.04	.04	.04	.041	22	.06
26*	.04	.04	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03		.03	.04	.04	.04	.04	.04	.04	.04	.04	.035	23	.05
27*	.03	.04	.04	.03	.03	.03	.03	.03	.03	.03	.03	.04	.04	.04			.05	.04	.04	.04	.04	.04	.04	.04	.036	22	.05
28	.04	.04	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03		.02			.04	.03	.03	.04	.04	.04	.04	.04	.033	21	.05
MEAN	14	14	14	14	14	14	14	14	14	14	14	14	13	14		2	13	13	13	13	13	13	13	13		301	
NO	.05	.05	.05	.05	.05	.05	.05	.05	.07	.07	.08	.08	.09	.09		.04	.05	.06	.06	.05	.05	.05	.06	.05	.060		.10
MAX																											

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Local standard time used

TABULATED THU., MAR. 16, 1967

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONCENTRATION IN PPM
COLORIMETRIC ANALYSIS

CHICAGO, ILL.

NITROGEN DIOXIDE
MARCH 1966

DAY OF MONTH	A M												P M												DAILY MEAN	NO OF HRS	5-MIN MAX
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12			
1	.04	.03	.03	.03	.03	.03	.03	.03	.03	.04	.05	.05	.04	.04			.05	.05	.05	.05	.05	.05	.05	.06	.040	22	.06
2	.05	.05	.04	.04	.04	.04	.04	.04	.06	.07	.07	.07	.06	.07		.05	.07	.07	.07	.05	.05	.05	.04	.04	.053	23	.08
3	.04	.05	.05	.05	.05	.04	.04	.04	.04	.06	.06	.06	.05	.05		.05	.05	.04	.04	.04	.04	.04	.04	.03	.045	23	.07
4	.03	.03	.03	.03	.04	.04	.03	.03	.03	.03	.04	.04	.03	.03			.03	.04	.03	.03	.03	.03	.03	.03	.033	22	.05
5*	.03	.06	.03	.03	.04	.03	.03	.04	.03	.04	.04	.04	.04	.04		.04	.04	.04	.04	.04	.04	.04	.03	.03	.037	23	.07
6*	.04	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.02	.03			.04	.03	.03	.03	.04	.03	.04	.04	.032	22	.04
7	.04	.04	.04	.04	.04	.04	.04	.04	.05	.05	.05	.05	.05					.05	.05	.05	.05	.05	.04	.05	.045	20	.06
8	.06	.05	.03	.05	.06	.05	.05	.05	.05	.05	.05	.05	.05	.05		.04	.05	.05	.05	.04	.05	.04	.04	.04	.048	23	.06
9	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.05		.05	.06	.06	.05	.05	.05	.05	.05	.05	.045	23	.07
10	.05	.04	.04	.04	.05	.05	.05	.05	.05	.06	.06	.06	.06	.06			.08	.08	.07	.07	.07	.07	.07	.06	.058	22	.08
11	.06	.06	.05	.05	.05	.05	.05	.06	.06	.07	.07	.06	.06	.07		.05	.06	.06	.06	.06	.06	.05	.06	.05	.057	23	.08
12*	.05	.05	.04	.04	.03	.03	.04	.03	.03	.04	.04	.04	.05	.04			.04	.03	.03	.03	.04	.03	.03	.03	.037	22	.05
13*	.03	.03	.02	.02	.02	.02	.02	.03	.03	.03	.03	.04	.04	.04		.04	.05	.04	.04	.04	.03	.04	.04	.04	.033	23	.05
14	.03	.03	.03	.03	.02	.02	.03	.03	.04	.04	.04						.05	.06	.06		.05	.05	.04	.04	.039	18	.06
15	.04	.04	.05	.05	.04	.04	.04	.05	.05	.05	.05	.06	.06	.06			.06	.08	.07	.07	.06	.05	.04	.04	.052	22	.08
16	.04	.04	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.04	.05		.05	.06	.06	.06	.07	.07	.07	.07	.06	.045	23	.07
17	.06	.06	.05	.05	.05	.05		.06	.07	.07	.07		.06	.07		.06	.07	.07	.07	.06	.05	.05	.05	.04	.058	21	.08
18	.04	.03	.03	.02	.03	.03	.03	.04	.04	.04	.04	.03												.04	.033	13	.05
19*	.04	.04	.03	.03	.03	.03	.03	.03	.03	.03				.03		.03	.03	.04	.04	.04	.04	.04	.04	.04	.035	20	.05
20*	.04	.04	.04	.03	.03	.04	.04	.04	.04	.04	.03	.04	.05	.06			.02	.05	.06	.06	.06	.05	.06	.06	.044	22	.06
21	.05	.04	.04	.03	.04	.03	.03	.04	.04	.04	.04	.05	.07	.07				.05	.07	.07	.06	.06	.07	.05	.049	21	.08
22	.04	.05	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04		.05	.05	.05	.04	.04	.04	.04	.04	.03	.041	23	.05
23	.04	.04	.04	.04	.04	.05	.05	.06	.06	.04	.04			.03		.04	.04	.04	.04	.04	.04	.04	.04	.04	.041	21	.06
24	.04	.03	.03	.03	.03	.03	.04	.04	.04	.05	.04	.04	.04	.04		.04	.04	.05	.05	.05	.05	.05	.05	.05	.041	23	.05
25	.04	.04	.04	.04	.04	.04	.05	.05	.05	.05	.06	.05	.06	.06		.05	.06	.06	.05	.05	.05	.05	.05	.05	.049	23	.06
26*	.05	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.05	.05	.05		.05	.05	.05	.05	.05	.05	.05	.05	.05	.046	23	.06
27*	.05	.05	.05	.05	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04		.04	.04	.05	.05	.04	.04	.04	.04	.04	.042	23	.05
28	.04	.04	.05	.05	.04	.04	.04	.04	.05	.06	.05	.05	.05			.04	.05	.05	.05	.05	.05	.07	.06	.06	.049	22	.08
29	.06	.06	.05	.06	.05	.05	.05	.05	.05	.05	.05	.05	.05	.06		.06	.06	.06	.05	.05	.05	.05	.05	.05	.053	23	.06
30	.05	.04	.04	.04	.04	.04	.04	.04	.05	.05	.05	.05	.04	.04		.04	.04	.04	.04	.04	.04	.04	.04	.04	.043	23	.06
31	.04	.04	.04	.02	.02	.05	.05	.06	.06	.06	.05	.05	.05	.05			.04	.04	.04	.04					.045	18	.07
MEAN	.04	.04	.04	.04	.04	.04	.04	.04	.04	.05	.05	.05	.05	.05		.05	.05	.05	.05	.05	.05	.05	.05	.04	.044		
NO	31	31	31	31	31	31	30	31	31	31	30	27	27	27		19	28	30	30	29	29	29	29	30		673	
MAX	.06	.06	.05	.06	.06	.05	.05	.06	.07	.07	.07	.07	.07	.07		.06	.08	.08	.07	.07	.07	.07	.07	.06	.058		.08

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Air Quality Section, Laboratory of Engineering and Physical Sciences
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CONCENTRATION IN PPM
COLORIMETRIC ANALYSIS

CHICAGO, ILL.

NITROGEN DIOXIDE
APRIL 1966

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN MAX
1																											
2*	.04	.03	.03	.03	.03	.03	.04	.04	.04	.04	.04	.04	.04	.05		.04	.05	.05	.05	.05	.05	.05	.05	.05	.041	23	.05
3*	.05	.05	.05	.04	.04	.04	.04	.03	.03	.04	.04	.04	.04	.04		.04	.04	.05	.05	.04	.04	.04	.05	.05	.041	23	.05
4	.05	.04	.04	.04	.04	.04	.04	.04	.05	.05	.05	.05	.05				.05	.05	.05	.05	.05	.05	.04	.04	.045	21	.05
5	.04	.04	.03	.03	.03	.03	.03	.03	.04	.04	.05	.05	.05	.05			.05	.05	.05	.04	.04	.04	.04	.04	.041	22	.07
6	.03	.03	.03	.03	.03	.03	.03	.03	.04	.04	.04	.04	.05												.034	13	.05
7																											
8	.04	.04	.04	.04	.04	.04	.04	.04	.05	.05	.05	.05	.05	.05			.05	.05	.05	.05	.05	.05	.05	.05	.045	22	.06
9*	.05	.04	.04	.04	.04	.04	.04	.04	.04	.05	.05	.05	.05	.05			.05	.05	.06	.06	.06	.06	.06	.06	.048	22	.06
10*	.06	.06	.05	.05	.05	.05	.04	.04	.04	.04	.04	.04	.04	.05			.05	.05	.05	.05	.05	.05	.05	.05	.047	22	.07
11	.05	.05	.04	.03	.04	.03	.04	.04	.04	.04	.04	.05	.05					.07	.06	.05	.05	.06	.05	.05	.046	20	.07
12	.05	.04	.04	.03	.03	.03	.04	.04	.04	.04	.04	.04	.05	.05		.05	.06	.06	.06	.05	.05	.05	.04	.04	.044	23	.06
13	.04	.04	.03	.03	.03	.03	.04	.04	.05	.05	.05	.05	.06	.05		.05	.05	.06	.05	.05	.05	.05	.05	.05	.045	23	.06
14	.05	.05	.05	.05	.04	.04	.04	.04	.04	.04	.04	.05	.05	.06		.06	.07	.07	.06	.06	.06	.06	.05	.05	.051	23	.07
15	.05	.05	.04	.04	.04	.04	.04	.05	.05	.05	.05	.05	.05	.06		.06	.07	.07	.06	.06	.06	.06	.05	.05	.052	23	.08
16*	.06	.05	.05	.05	.05	.06	.05	.06	.06	.06	.05	.06	.10	.11		.05	.06	.05	.05	.06	.07	.06	.06	.05	.058	23	.12
17*	.07	.06	.04	.06	.05	.06	.06	.05	.06	.06	.05	.06	.05	.05		.07	.07	.07	.06	.06	.05	.06	.06	.06	.058	23	.07
18	.06	.04	.03	.02	.03	.04	.04	.05	.07	.07	.08		.08	.12		.07	.10	.11	.07	.06	.07	.07	.06	.06	.062	22	.13
19	.05	.04	.02	.04	.04	.03	.04	.04	.05	.05	.05	.04	.04	.05		.05	.05	.06	.03	.02	.00	.00	.00	.00	.034	23	.08
20	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		.00		.05	.05	.04	.05	.06	.05	.03	.016	22	.07
21	.03	.03	.03	.03	.03	.04	.05	.05	.06	.06	.05	.04	.05	.05		.05	.07	.08	.08	.07	.08	.09	.09	.09	.056	23	.09
22	.08	.08	.07	.06	.06	.06	.07	.07	.07	.05	.04	.05	.05					.07	.06	.05	.05	.05	.05	.04	.059	20	.08
23*	.04	.04	.04	.03	.03	.03	.03	.03	.04	.04	.04	.05	.10	.07			.07	.07	.07	.06	.06	.06	.06	.06	.051	22	.11
24*																											
25																											
26		.05	.05	.04	.04	.05	.06	.07	.07								.05	.04	.03	.03	.03	.03	.03	.03	.043	16	.08
27	.03	.03	.02	.02	.02	.03	.04	.04	.04	.02	.04	.04	.04	.04			.04	.04	.04	.04	.04	.04	.04	.03	.034	22	.05
28	.03	.03	.03	.03	.03	.03	.03	.03	.03	.04	.05	.05	.05	.05		.04	.06	.05	.05	.05	.05	.05	.05	.05	.041	23	.06
29	.05	.05	.04	.04	.03	.04	.04	.04	.04	.05	.05	.05	.06	.07			.06	.05	.04	.05	.05	.04	.04	.04	.046	22	.07
30*	.04	.03	.03	.03	.03	.04	.04	.04	.04	.04	.04	.04	.05	.05		.05	.05	.05	.04	.04	.04	.04	.04	.04	.039	23	.05
MEAN	.04	.04	.04	.04	.03	.04	.04	.04	.04	.04	.04	.04	.05	.05			.06	.06	.05	.05	.05	.05	.05	.05	.046		
NO	25	26	26	26	26	26	26	26	26	25	25	24	25	21		14	22	25	25	25	25	25	25	25		564	
MAX	.08	.08	.07	.06	.06	.06	.07	.07	.07	.07	.08	.06	.10	.12		.07	.10	.11	.08	.07	.08	.09	.09	.09	.062		.13

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TABULATED THU., MAR. 16, 1967

CONTINUOUS AIR MONITORING PROGRAM

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

Air Quality Section, Laboratory of Engineering and Physical Sciences
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Robert A. Taft Sanitary Engineering Center
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CONCENTRATION IN PPM
COLORIMETRIC ANALYSIS

CHICAGO, ILL.

NITROGEN DIOXIDE
MAY 1966

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN MAX
1*	.04	.04	.04	.04	.04	.03	.03	.03	.03	.03	.03	.03	.03	.03			.03	.03	.03	.03	.03	.03	.03	.03	.032	22	.04
2	.03	.02	.02	.02	.02	.03	.03	.03	.03	.03	.03	.03	.04												.028	13	.04
3									.05	.05	.05	.05	.05	.06		.05	.06	.06	.06	.06	.06	.06	.06	.08	.057	15	.08
4	.08	.07	.07	.07	.07	.05	.06	.06	.05	.05	.05	.05	.06	.06			.08	.07	.07	.07	.07	.06	.05	.05	.062	22	.08
5	.05	.05	.05	.05	.05	.05	.05	.06	.06	.06	.06	.05	.05	.05			.09	.09	.08	.08					.060	18	.09
6																											
7*	.04	.04	.04	.03	.03	.04	.05	.07	.06	.05	.06	.06	.06	.06			.06	.06	.06	.05	.05	.06	.06	.05	.051	22	.08
8*	.05	.05	.04	.04	.03	.03	.03	.03	.04	.04	.04	.04	.04	.04			.04	.04	.04	.04	.04	.04	.04	.03	.038	22	.05
9	.03	.03	.02	.02	.03	.03	.03	.04	.04	.04			.04	.04			.04	.04	.04	.04	.04	.04	.04	.04	.035	20	.04
10	.04	.04	.03	.03	.03	.04	.04	.04	.04	.04	.04	.04	.05	.05			.06	.06	.05	.05	.05	.05	.05	.04	.044	22	.06
11	.04	.04	.03	.03	.04	.05	.05	.05	.05	.05	.05	.05	.04	.05			.05	.05	.04	.04	.05	.04	.04	.04	.044	22	.05
12	.03	.03	.03	.03	.03	.03	.03	.03	.04	.04	.04	.04	.04	.04			.05	.05	.04	.05	.05	.05	.05	.04	.039	22	.05
13	.04	.04	.03	.03	.03	.03	.03	.04	.03	.04	.04	.04	.03	.04			.04	.04	.04	.04	.04	.03	.03	.04	.036	22	.04
14*	.04	.03	.03	.03	.03	.03	.03	.04	.04	.04	.04	.05	.05	.05			.06	.06	.06	.06	.06	.06	.06	.06	.046	22	.07
15*	.06	.06	.05	.06	.06	.06	.05	.05	.05	.05	.05	.06	.06	.06			.06	.06	.06	.06	.06	.06	.06	.05	.056	22	.07
16	.05	.05	.03	.03	.04	.04	.04	.05	.06	.06	.06		.02	.05			.05	.06	.06	.08	.08	.08	.08	.09	.055	21	.10
17	.08	.07	.04	.05	.06	.06	.06	.07	.07	.07	.05	.06	.05	.06			.06	.06	.06	.05	.06	.05	.06	.05	.059	22	.09
18	.06	.06	.05	.04	.04	.03	.04	.04	.05	.05	.06	.07	.07	.07			.06	.05	.05	.04	.04	.05	.05	.04	.05	22	.08
19	.04	.03	.03	.03	.03	.03	.04	.04	.04	.04						.04	.05	.04	.04	.05	.05	.04	.04	.04	.038	19	.05
20	.04	.04	.04	.03	.03	.03	.04	.04	.04	.04	.04	.05	.05	.05			.05	.06	.05	.05	.05	.05	.05	.05	.044	22	.06
21*	.05	.05	.04	.04	.04	.04	.05	.05	.06	.07	.08	.06	.06	.07			.07	.07	.07	.06	.06	.06	.06	.06	.058	22	.09
22*	.06	.06	.05	.05	.05	.06	.06	.05	.05	.05	.06	.07	.08	.08			.08	.03	.06	.06	.06	.06	.05	.06	.060	22	.09
23	.05	.04	.03	.03	.03	.04	.05	.06	.06	.06	.06						.06	.05	.06	.05	.04	.05	.04	.04	.047	19	.06
24	.03	.03	.03	.02	.03	.03	.03	.04	.05	.05	.04	.04	.05	.05			.07	.07	.06	.06	.07	.08	.05	.06	.047	22	.08
25	.05	.04	.04	.04	.04	.04	.06	.07	.06	.06	.07	.08	.10	.10			.07	.07	.07	.07	.07	.09	.11	.09	.067	22	.12
26	.10	.11	.10	.10	.11	.11	.16	.20	.15	.10	.10	.10	.09	.08			.09	.08	.07	.07	.07	.07	.06	.07	.100	22	.21
27																											
28*																											
29*																											
30																											
31																											
MEAN	.05	.05	.04	.04	.04	.04	.05	.05	.05	.05	.05	.05	.05	.06			.06	.06	.05	.05	.05	.05	.05	.05	.050		
NO	24	24	24	24	24	24	24	24	25	25	23	21	23	22		2	24	24	24	24	23	23	23	23		521	
MAX	.10	.11	.10	.10	.11	.11	.16	.20	.15	.10	.10	.10	.10	.10		.05	.09	.09	.08	.08	.08	.09	.11	.09	.100		.21

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TABULATED THU., MAR. 16, 1967

CONTINUOUS AIR MONITORING PROGRAM

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

CHICAGO, ILL.

CONCENTRATION IN PPM
COLORIMETRIC ANALYSIS

NITROGEN DIOXIDE
JUNE 1966

DAY OF MONTH	AM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	PM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS	5-MIN MAX
1	.05	.05	.04	.04	.03	.04	.04	.05	.05	.05	.06	.06	.06	.07			.07	.07	.06	.06	.06	.06	.06	.06	.053	22	.08
2	.07	.08	.07	.06	.07	.07	.08	.09	.10	.10	.10	.12	.11	.13			.13	.13	.12	.11	.11	.10	.10	.09	.097	22	.14
3	.07	.06	.06	.06	.06	.06	.07	.09	.08	.09	.10	.11	.11	.10			.13	.12	.11	.10	.11	.11	.10	.09	.090	22	.13
4*	.08	.08	.07	.06	.06	.06	.07	.07	.08	.09	.08	.08	.07	.07			.08	.07	.09	.08	.07	.07	.07	.06	.073	22	.09
5*	.05	.05	.04	.04	.05	.04	.05	.05	.05	.05	.05	.05	.06	.06			.06	.06	.07	.06	.06	.06	.06	.06	.053	22	.07
6	.05	.04	.04	.03	.03	.04	.05	.07	.07	.06		.03	.06	.07			.08	.06	.06	.06	.06	.07	.06	.06	.054	21	.08
7	.05	.04	.04	.04	.05	.06	.09	.10	.09	.09	.08	.08	.08	.08		.08	.10	.14	.13	.13	.13	.13	.12	.12	.090	23	.15
8	.11	.07	.05	.04	.04	.05	.06	.06	.06	.06	.05	.05	.05	.05		.05	.05	.05	.05	.05	.05	.05	.05	.05	.054	23	.13
9	.04	.04	.03	.03	.03	.04	.04	.05	.05	.05	.05	.05	.04	.04		.04	.05	.04	.04	.04	.04	.04	.04	.03	.040	23	.05
10	.03	.03	.03	.03	.03	.03	.04	.04	.04	.05	.05	.05	.05	.05			.05	.06	.05	.05	.05	.05	.05	.05	.044	22	.06
11*	.05	.04	.04	.03	.04	.05	.05	.06	.06	.06	.06	.07	.07	.07			.08	.07	.07	.07	.07	.07	.08	.07	.061	22	.09
12*	.07	.06	.05	.04	.05	.05	.05	.05	.06	.07	.07	.07	.07	.06		.07	.08	.08	.08	.05	.08	.08	.08	.07	.066	23	.09
13	.06	.07	.06	.04	.04	.05	.05	.06	.07	.08	.08		.07				.07	.07	.06	.08	.08	.08	.07	.06	.064	20	.08
14	.05	.04	.03	.03	.04	.04	.05	.07	.06	.05	.05	.05	.05	.05		.05	.05	.05	.04	.04	.04	.04	.04	.03	.045	23	.07
15																											
16		.04	.03	.03	.03	.04	.05	.05	.05			.06	.06	.06		.05	.05	.05	.06	.06	.08	.10	.09	.07	.055	20	.10
17	.08	.06	.04	.04	.03	.03	.05	.07	.09	.08	.08	.06	.07	.08			.08	.07	.07	.07	.07	.07	.06	.06	.064	22	.10
18*	.06	.06	.06	.05	.05	.05	.07	.11	.12	.13	.17	.15	.11	.12		.11	.15	.15	.13	.12	.12	.10	.10	.13	.104	23	.18
19*	.13	.11	.08	.06	.06	.06	.08	.10	.08	.06	.05	.06	.06	.06			.07	.06	.06	.06	.07	.08	.07	.07	.071	22	.14
20	.06	.06	.05	.05	.06	.06	.07	.09	.10	.08	.06	.07				.07	.09	.08	.08	.08	.08	.08	.08	.07	.071	21	.11
21	.07	.06	.05	.05	.05	.05	.07	.10	.11	.09	.08	.08	.06	.07		.11	.12	.12	.09	.11	.13	.10	.09	.09	.085	23	.14
22	.08	.06	.06	.05	.05	.06	.08	.09	.11	.11	.09	.10	.10	.10		.10	.12	.12	.11	.11	.10	.09	.09	.09	.089	23	.12
23	.07	.06	.05	.05	.06	.06	.07	.09	.11	.10	.08	.07	.07	.08		.08	.09	.08	.08	.09	.09	.09	.09	.08	.077	23	.11
24	.07	.06	.06	.07	.07	.07	.08	.11	.13	.12	.09	.09	.08	.08			.13	.12	.11	.09	.09	.10	.10	.08	.090	22	.14
25*																											
26*																											
27																											
28		.04	.04	.03	.03	.06	.08	.08	.08	.08	.08	.08	.08	.09	.12		.07	.08	.08	.09	.09	.09	.08	.08	.074	22	.13
29	.07	.06	.06	.05	.05	.07	.08	.08	.08	.07	.08	.07	.07	.08		.08	.10	.09	.10	.10	.09	.08	.08	.09	.077	23	.11
30	.08	.08	.06	.06	.05	.06	.07	.08	.09	.08	.09	.09	.09	.10		.10	.12	.09	.07	.08	.08	.08	.08	.07	.080	23	.13
MEAN	.07	.06	.05	.04	.05	.05	.06	.08	.08	.08	.08	.07	.07	.08			.09	.08	.08	.08	.08	.08	.08	.07	.070		
NO	24	26	26	26	26	26	26	26	26	25	24	25	25	24	1	13	26	26	26	26	26	26	26	26		577	
MAX	.13	.11	.08	.07	.07	.07	.09	.11	.13	.13	.17	.15	.11	.13	.12	.11	.15	.15	.13	.13	.13	.13	.12	.13	.104		.18

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TABULATED THU., MAR. 16, 1967

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONCENTRATION IN PPM
COLORIMETRIC ANALYSIS

CHICAGO, ILL.

NITROGEN DIOXIDE
JULY 1966

DAY OF MONTH	AM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	PM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5 MIN MAX
1	.04	.05	.04	.04	.04	.06	.08	.10	.10	.10	.11	.11	.12	.14		.13	.15	.14	.13	.12	.11	.12	.14	.13	.101	23	.16
2*	.12	.09	.06	.07	.07	.06	.08	.07	.08	.09	.11	.12	.15	.18		.17	.18	.17	.16	.15	.14	.12	.13	.12	.117	23	.21
3*	.11	.11	.09	.09	.09	.09	.11	.11	.11	.08	.07	.08	.06	.07		.08	.11	.11	.10	.08	.08	.09	.09	.09	.091	23	.13
4	.08	.06	.04	.03	.03	.03	.04	.04	.04	.04	.05	.05	.05	.05		.04	.05	.05	.05	.05	.05	.05	.05	.05	.046	23	.09
5	.04	.03	.01	.02	.01	.02	.03	.03	.05	.09						.05	.06	.05	.05	.06	.06	.05	.04	.06	.043	19	.10
6	.05	.11	.07	.04	.05	.05	.05	.07	.08	.08	.08	.08	.08	.08			.11	.10	.09	.09	.08	.08	.07	.07	.074	22	.12
7	.06	.05	.04	.04	.04	.05	.06	.08	.10	.08	.07	.07	.07	.07		.06	.07	.07	.06	.07	.07	.07	.06	.06	.063	23	.11
8	.06	.05	.05	.05	.05	.06	.07	.11	.11	.08	.07	.07	.07	.08		.06	.08	.09	.09	.08	.08	.09	.08	.08	.074	23	.12
9*	.07	.07	.07	.05	.05	.06	.06	.07	.07	.08	.09	.08	.08	.07		.05	.06	.06	.07	.07	.06	.07	.07	.07	.067	23	.11
10*	.04	.05	.05	.04	.04	.04	.05	.05	.06	.07	.09	.10	.10	.11		.08	.09	.09	.06	.07	.08	.07	.09	.08	.069	23	.12
11	.06	.02	.01	.01	.01	.02	.03	.06	.05	.07	.08		.02				.12	.10	.10	.11	.09	.10	.09	.09	.061	20	.13
12	.09	.09	.08	.08	.08	.08	.10	.14	.14	.12	.11	.09	.09	.11			.10	.12	.10	.07	.07	.08	.08	.10	.096	22	.17
13	.10	.10	.10	.10	.09	.09	.11	.12	.09	.09	.09	.09	.10	.09		.08	.08	.08	.06	.05	.05	.05	.05	.05	.084	23	.14
14	.04	.04	.03	.03	.03	.04	.04	.05	.06	.06	.06	.07	.07	.07		.06	.08	.07	.06	.05	.05	.05	.05	.04	.052	23	.08
15	.04	.04	.03	.02	.02	.03	.04	.05	.05	.06	.06	.07	.06					.06	.06	.05	.05	.05	.05	.06	.048	20	.08
16*																											
17*																											
18		.08	.06	.04			.10	.11	.14	.11	.08	.06	.10				.08	.07	.07	.06	.07	.07	.06	.06	.078	18	.14
19	.05	.04	.04	.04	.04	.04	.05			.09	.08	.07	.07	.06			.04	.04	.04	.04	.05	.04	.04	.04	.050	20	.10
20	.03	.03	.02	.02	.03	.04	.05	.05	.05	.05	.05	.05	.05	.05		.05	.05	.05	.05	.05	.04	.04	.04	.04	.042	23	.06
21	.04	.03	.03	.03	.03	.04	.04	.04	.05	.05	.05	.05	.05	.05		.05	.06	.06	.05	.06	.05	.05	.05	.05	.046	23	.06
22	.04	.06	.07	.07	.07	.07	.08	.12	.18	.11	.10	.09	.10	.12		.11	.12	.12	.12	.12	.12	.10	.08	.08	.096	23	.19
23*	.08	.08	.08	.08				.10	.10	.09	.11	.16	.15	.13		.15	.18	.16	.13	.11	.17	.16	.17	.17	.129	20	.20
24*	.15	.14	.13	.09	.06	.07	.07	.08	.07	.08	.08	.09	.09	.11			.17	.18	.18	.16	.17	.17	.18	.10	.119	22	.19
25	.09	.08	.09	.10	.09	.08	.09	.11	.14	.12	.11	.10	.09	.08		.09	.11	.09	.08	.08	.08	.08	.08	.07	.092	23	.15
26	.08	.07	.08	.07	.07	.08	.09	.13	.14	.12	.10	.09	.07	.08		.04	.00	.04	.07	.06	.05	.05	.04	.05	.072	23	.15
27	.05	.04	.05	.05	.05	.06	.06	.07						.04		.05	.05	.05	.04	.04	.04	.04	.04	.03	.047	18	.07
28																											
29		.05	.05	.04	.04	.05	.05	.05	.05				.06	.06			.07	.07	.06	.06	.06	.06	.06	.06	.055	18	.07
30*	.06	.05	.05	.05	.05	.05	.06	.07	.07	.07	.07	.08	.08	.09			.07	.07	.07	.07	.07	.06	.07	.06	.065	22	.11
31*	.07	.07	.07	.07	.08	.07	.08	.09	.09	.10	.10	.11	.11	.14			.13	.14	.13	.12	.12	.12	.12	.11	.101	22	.16
MEAN	.07	.06	.06	.05	.05	.05	.06	.08	.09	.08	.08	.08	.08	.09		.08	.09	.09	.08	.08	.08	.08	.08	.07	.075		
NO	26	28	28	28	26	26	27	27	26	26	25	24	26	24		18	27	28	28	28	28	28	28	28		608	
MAX	.15	.14	.13	.10	.09	.09	.11	.14	.18	.12	.11	.16	.15	.18		.17	.18	.18	.18	.16	.17	.17	.18	.17	.129		.21

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Air Quality Section, Laboratory of Engineering and Physical Sciences
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CONCENTRATION IN PPM
COLORIMETRIC ANALYSIS

CHICAGO, ILL.

NITROGEN DIOXIDE
AUG. 1966

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS	5 MIN MAX
1	.11		.12	.10	.08	.08	.09	.10	.09	.09	.11	.09	.08				.10	.10	.10	.09	.09	.09	.08	.06	.091	20	.13
2	.05	.05	.04	.04	.04	.06	.06	.05	.06	.06							.07	.06	.06	.06	.06	.06	.05	.05	.054	18	.07
3	.06	.05	.05	.05	.05	.05	.06	.06	.06	.06	.06	.06	.06	.06			.06	.06	.06	.07	.07	.07	.06	.07	.059	22	.08
4	.09	.08	.08	.08	.08	.08	.10	.14	.16	.16	.18	.14	.14	.14			.13	.14	.13	.12	.12	.11	.11	.12	.118	22	.19
5	.12	.11	.12	.14	.14	.12	.12	.18	.21	.19	.15	.12	.13	.13		.13	.15	.13	.12	.12	.11	.10	.10	.12	.133	23	.25
6*	.11	.11	.11	.10	.10	.11	.12	.19	.23	.23	.19	.16	.16	.15		.15	.17	.16	.12	.11	.10	.15	.15	.15	.144	23	.26
7*	.13	.13	.13	.13	.12	.13	.13	.12	.10	.11	.10	.08	.09	.09			.11	.12	.11	.10	.10	.09	.09	.08	.108	22	.14
8	.08	.08	.06	.06	.06	.06	.08	.12	.13	.10		.09	.10				.07	.07	.06	.05	.05	.07	.06	.06	.074	20	.13
9	.05	.05	.05	.04	.05	.05	.06	.08	.10	.09	.08	.07	.06	.07		.10	.11	.10	.10	.08	.07	.07	.06	.06	.070	23	.11
10	.06	.06	.06	.05	.05	.05	.06	.10	.07	.07	.08	.08	.09	.09			.09	.09	.08	.08	.07	.07	.07	.07	.072	22	.10
11	.07	.07	.06	.06	.07	.07	.08	.10	.10	.09	.09	.09	.08	.08			.09	.08	.08	.08	.08	.08	.08	.08	.080	22	.12
12	.07	.08	.08	.09	.07	.05	.05	.05	.05	.05	.06	.05	.06				.06	.06	.06	.06	.06	.06	.06	.06	.061	21	.11
13*	.06	.06	.06	.06	.05	.06	.07	.07	.08	.08	.10	.09	.08	.09											.071	14	.12
14*																											
15																											
16																											
17																											
18																											
19	.06	.05	.05	.04	.04	.04	.05	.05	.05	.06	.06	.07	.06	.06			.08	.07	.06	.06	.06	.05	.05	.05	.055	22	.08
20*	.06	.05	.05	.05	.05	.05	.05	.05	.05	.06	.06	.07	.08	.08			.09	.08	.07	.08	.09	.08	.07	.07	.066	22	.09
21*	.07	.06	.05	.05	.05	.05	.05	.05	.05	.06	.06	.08	.08	.08			.09	.08	.05	.05	.06	.06	.05	.05	.061	22	.10
22	.05	.05	.03	.03	.04	.05	.05	.05	.05	.05	.07	.07		.05			.07	.06	.06	.05	.05	.05	.05	.04	.050	21	.08
23	.04	.03	.03	.03	.03	.04	.04	.05	.05	.05	.06	.06	.06	.06	.06		.06	.07	.06	.05	.05	.05	.05	.05	.049	23	.07
24	.05	.05	.04	.04	.04	.05	.05	.07	.07	.07	.06	.06	.06	.07			.07	.07	.07	.06	.06	.06	.06	.06	.058	22	.08
25	.06	.05	.05	.05	.05	.05	.05	.06	.08	.08						.07	.07	.07	.07	.07	.07	.07	.07	.06	.063	19	.09
26	.06	.06	.06	.06	.05	.06	.07	.10	.12	.12	.10	.08	.08	.09			.10	.10	.09	.08	.09	.09	.09	.09	.084	22	.13
27*	.08	.07	.07	.06	.06	.06	.06	.10	.12	.12	.10	.08	.09	.09			.09	.09	.08	.09	.10	.09	.09	.09	.085	22	.13
28*	.08	.07	.07	.07	.06	.06	.07	.09	.10	.08	.08	.07	.07	.07			.09	.09	.08	.08	.08	.09	.09	.09	.078	22	.10
29	.08	.08	.09	.10	.10	.10	.11	.12	.13	.13	.13			.07	.10	.09		.09	.09	.09	.09	.09	.09	.10	.099	21	.14
30	.09	.08	.08	.09	.09	.08	.09	.13	.17	.14	.11	.12	.11	.11			.13	.11	.10	.10	.11	.11	.11	.11	.107	22	.18
31	.10	.08	.08	.09	.10	.09	.11	.14	.17	.13	.19	.16	.14	.17			.14	.15	.15	.16	.15	.15	.14	.12	.131	22	.24
MEAN	.07	.07	.07	.07	.07	.07	.07	.09	.10	.10	.10	.09	.09	.09			.09	.09	.08	.08	.08	.08	.08	.08	.082		
NO.	26	25	26	26	26	26	26	26	26	26	23	23	22	21	2	5	24	25	25	25	25	25	25	25		554	
MAX	.13	.13	.13	.14	.14	.13	.13	.19	.23	.23	.19	.16	.16	.17	.10	.15	.17	.16	.15	.16	.15	.15	.15	.15	.144		.26

* Indicates Saturday or Sunday
Local standard time used

TABULATED THU., MAR. 16, 1967

CONTINUOUS AIR MONITORING PROGRAM

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

CONCENTRATION IN PPM
COLORIMETRIC ANALYSIS

CHICAGO, ILL.

NITROGEN DIOXIDE
SEPT. 1966

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS	5 MIN. MAX
1	.13	.13	.13	.12	.12	.13	.16	.24	.31	.30	.19	.16	.15	.11			.13	.12	.12	.15	.13	.11	.09	.10	.151	22	.35
2	.09	.08	.08	.09	.08	.08	.09	.11	.12	.11	.10	.08	.09	.08		.10	.10	.09	.08	.08	.08	.08	.07	.07	.087	23	.13
3*	.07	.06	.05	.05	.06	.05	.05	.06	.06	.07	.08	.07	.07	.07		.07	.11	.13	.12	.10	.07	.11	.08	.06	.075	23	.15
4*	.05	.05	.04	.04	.04	.04	.04	.04	.05	.06	.06	.06	.06	.06		.06	.06	.05	.03	.05	.06	.05	.05	.05	.051	23	.08
5	.05	.04	.04	.04	.04	.04	.04	.04	.05	.05	.05	.05	.05	.05		.05	.05	.05	.05	.05	.05	.05	.05	.04	.046	23	.07
6																											
7									.05	.05	.05	.05	.06	.06	.06		.05	.05	.05	.05	.05	.05	.05	.05	.052	15	.07
8	.05	.05	.05	.06	.07	.07	.07	.08	.10	.10	.09	.09	.09	.08		.09	.10	.10	.09	.09	.08	.08	.08	.08	.080	23	.11
9	.06	.05	.07	.08	.08	.08	.08	.11	.16	.13	.10					.10	.12	.11	.11	.10	.09	.10	.09	.09	.095	20	.16
10*	.09	.10	.10	.10	.10	.09	.10	.12	.15	.22	.19	.15	.13	.14			.12	.12	.11	.12	.12	.12	.12	.11	.123	22	.24
11*	.10	.09	.11	.11	.09	.07	.08	.09	.09	.10	.12	.12	.09	.12			.14	.13	.12	.12	.12	.12	.12	.12	.107	22	.14
12	.09	.06	.09	.07	.07	.10	.09	.09	.10	.10	.10	.10	.12	.11			.14	.13	.12	.12	.11	.11	.09	.07	.098	22	.14
13	.07	.07	.10	.09	.08	.08	.08	.12	.15	.16	.14	.13	.12	.15			.14	.10	.12	.11	.10	.10	.09	.08	.108	22	.18
14	.06	.05	.05	.06	.06	.06	.06	.08	.11	.12	.11	.07	.06	.05			.05	.04	.04	.04	.04	.04	.04	.03	.059	22	.12
15	.03	.03	.03	.02	.03	.04	.04	.04	.04	.05	.05	.05	.05	.05			.05	.05	.04	.05	.05	.04	.04	.04	.042	22	.06
16	.05	.05	.05	.05	.05	.05	.06	.07	.10	.09	.09					.07	.12	.11	.11	.11	.10	.10	.10	.09	.080	20	.13
17*	.08	.07	.08	.09	.09	.10	.10	.11	.13	.10	.10	.10	.12	.11			.10	.10	.11	.12	.12	.12	.11	.13	.104	22	.14
18*	.14	.13	.09	.07	.07	.07	.07	.07	.07	.07	.08	.09	.10	.10	.11			.12	.12	.11	.11	.10	.10	.09	.094	22	.15
19	.08	.06	.05	.04	.05	.08	.08	.10	.10	.10	.12	.12	.11	.08		.12	.12	.11	.10	.10	.09	.07	.06	.05	.085	23	.13
20	.04	.03	.03	.03	.03	.04	.04	.04	.04	.04	.04			.06			.06	.07	.06	.06	.06	.06	.05	.05	.046	20	.07
21	.04	.04	.04	.04	.03	.04	.04	.04	.04	.05	.05	.05	.05	.06		.06	.06	.06	.06	.06	.07	.08	.06	.07	.052	23	.08
22	.07	.06	.06	.04	.04	.04	.05	.05	.06	.06	.06	.06	.06	.06		.06	.06	.06	.05	.05	.05	.05	.05	.05	.054	23	.08
23	.05	.04	.04	.04	.05	.05	.05	.06	.07	.06	.06	.06					.06	.06	.05	.05	.05	.05	.05	.05	.052	20	.07
24*	.05	.04	.04	.04	.05	.05	.06	.07	.06	.05	.06	.06	.06	.06			.06	.05	.04	.05	.05	.05	.05	.05	.050	22	.07
25*	.04	.04	.05	.04	.05	.04	.04	.04	.04	.05	.05	.05	.05	.05			.05	.05	.05	.05	.05	.05	.05	.05	.047	22	.06
26	.04	.04	.03	.07	.08	.08	.07	.07	.11	.10		.07	.06	.05		.07	.07	.07	.08	.08	.08	.07	.06	.06	.068	22	.12
27	.05	.05	.04	.04	.05	.05	.05	.07	.09	.07	.07	.07	.06	.07		.08	.08	.07	.07	.08	.10	.10	.07	.05	.066	23	.11
28	.05	.05	.05	.04	.05	.05	.05	.07	.09	.09	.06	.06	.06	.06			.07	.07	.07	.06	.06	.06	.06	.05	.060	22	.11
29	.05	.05	.05	.04	.04	.04	.05	.05	.04	.04	.04	.04	.03	.03		.05	.05	.04	.04	.04	.04	.04	.04	.04	.042	23	.05
30	.04	.04	.04	.04	.04	.04	.04	.05	.06	.07	.06					.06	.06	.06	.05	.05	.05	.05	.05	.05	.049	20	.07
MEAN	.06	.06	.06	.06	.06	.06	.07	.08	.09	.09	.08	.08	.08	.08			.08	.08	.08	.08	.08	.08	.07	.07	.073		
NO	28	28	28	28	28	28	28	28	29	29	28	25	24	25	2	14	28	29	29	29	29	29	29	29		631	
MAX	.14	.13	.13	.12	.12	.13	.16	.24	.31	.30	.19	.16	.15	.15	.11	.12	.14	.13	.12	.15	.13	.12	.12	.13	.151		.35

* Indicates Saturday or Sunday
Local standard time used

TABULATED THU., MAR. 16, 1967

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CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONCENTRATION IN PPM
COLORIMETRIC ANALYSIS

CHICAGO, ILL.

NITROGEN DIOXIDE
OCT. 1966

DAY OF MONTH	AM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	PM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN MAX
1*	.04	.04	.04	.04	.04	.04	.04	.04	.05	.05	.05	.06	.06	.05		.05	.05	.05	.05	.05	.05	.05	.05	.05	.048	23	.06
2*	.05	.05	.05	.04	.05	.05	.05	.05	.05	.04	.04	.04	.05	.05		.06	.06	.06	.06	.06	.06	.06	.06	.06	.053	23	.07
3	.05	.05	.05	.05	.05	.05	.05	.08	.07	.06	.07	.07	.07	.08			.08	.07	.07	.07	.07	.06	.06	.06	.062	22	.08
4	.05	.03	.03	.02	.03	.04	.04	.04	.04	.04	.04	.04	.05	.05		.05	.05	.05	.04	.04	.04	.04	.04	.03	.041	23	.06
5	.03	.03	.03	.03	.03	.03	.03	.04	.04	.04	.03	.04	.04	.04			.04	.04	.03	.04	.04	.04	.04		.034	21	.06
6																											
7																											
8*																											
9*																											
10																											
11	.05	.05	.05	.05	.05	.05	.06	.07	.07	.06	.06	.06	.06	.07			.07	.07	.06	.06	.07	.07	.07	.07	.061	22	.08
12	.07	.06	.06	.06	.07	.08	.11	.08	.08	.08	.07	.07	.08	.09			.11	.10	.09	.09	.09	.08	.07	.09	.081	22	.12
13	.10	.08	.06	.06	.06	.07	.08	.08	.08	.07				.05			.10	.09	.09	.08	.07	.06	.06	.05	.073	19	.10
14	.05	.04	.04	.04	.04	.04	.05	.05	.05	.05	.05	.05	.05	.05			.07	.07	.07	.06	.06	.06	.06	.06	.053	22	.07
15*	.06	.04	.04	.05	.05	.05	.04	.04	.03	.03	.03	.04	.04	.04			.04	.04	.03	.03	.04	.04	.04	.04	.040	22	.06
16*	.04	.04	.04	.04	.04	.04	.04	.05	.05	.05	.05	.06	.06	.06											.047	14	.07
17																											
18	.05	.05	.05	.05	.05	.06	.06	.07	.06	.06	.06	.06	.05	.05		.05	.05	.06	.05	.05	.05	.05	.05	.05	.054	23	.07
19	.06	.05	.05	.04	.04	.04	.05	.05	.05	.05	.06	.06	.06	.07	.07		.07	.06	.06	.06	.06	.06	.06	.05	.055	23	.08
20	.05	.05	.05	.05	.06	.07	.07	.08	.12	.12	.09	.08	.07	.07			.06								.073	15	.14
21																											
22*																											
23*																											
24																											
25	.04	.04	.05	.05	.05	.05	.05	.07	.09	.12	.11	.06	.07	.07			.08	.08	.08	.08	.08	.08	.10	.10	.072	22	.12
26	.08	.08	.07	.08	.08	.08	.09	.10	.12	.13							.11	.09	.09	.09	.10	.10	.09	.09	.093	18	.15
27	.09	.08	.07	.07	.07	.07	.08	.08	.08	.08	.07	.08	.08				.09	.09	.09	.08	.08	.09	.08	.08	.079	21	.09
28	.07	.07	.07	.06	.06	.06	.07	.08	.08	.07	.07	.08	.09	.10			.07	.07	.06	.05	.05	.05	.05	.05	.068	22	.10
29*	.05	.05	.05	.04	.04	.04	.04	.05	.05	.05	.05	.05	.06	.06			.05	.05	.05	.05	.05	.05	.05	.05	.048	22	.08
30*	.05	.05	.05	.05	.06	.06	.05	.05	.05	.04	.05	.05	.05	.05			.06	.06	.06	.05	.05	.05	.06	.05	.051	22	.07
31	.05	.06	.05	.05	.05	.05	.06	.05	.06	.06	.06	.05	.05	.06			.05	.05	.05	.04	.04	.04	.04	.03	.049	22	.11
MEAN	.06	.05	.05	.05	.05	.05	.06	.06	.06	.06	.06	.06	.06	.06			.07	.06	.06	.06	.06	.06	.06	.06	.058		
NO	21	21	21	21	21	21	21	21	21	21	19	19	19	19	1	4	20	19	19	19	19	19	19	18		443	
MAX	.10	.08	.07	.08	.08	.08	.11	.10	.12	.13	.11	.08	.09	.10	.07	.06	.11	.10	.09	.09	.10	.10	.10	.10	.093		.15

* Indicates Saturday or Sunday
Local standard time used

TABULATED THU., MAR. 16, 1967

CONTINUOUS AIR MONITORING PROGRAM

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

CHICAGO, ILL.

CONCENTRATION IN PPM
COLORIMETRIC ANALYSIS

NITROGEN DIOXIDE
NOV. 1966

DAY OF MONTH	AM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	PM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS	5 MIN MAX
1	.04	.04	.04	.04	.04	.03	.03	.04	.04	.05	.05	.05	.05	.05			.05	.05	.05	.05	.05	.05	.05	.05	.045	22	.06
2	.05	.05	.04	.04	.04	.05	.05	.05	.06	.05	.06	.07	.06	.05		.04	.05	.06	.06	.05	.05	.05	.05	.05	.052	23	.08
3	.05	.04	.04	.05	.05	.04	.04	.05	.05	.05	.05	.05	.05	.05				.07	.07	.06	.06	.06	.06	.06	.052	21	.07
4	.04	.06	.06	.05	.05	.05	.05	.05	.05	.05	.05	.06	.05	.05		.05	.06	.06	.06	.06	.05	.05	.05	.05	.054	23	.09
5*	.04	.06	.04	.06	.05	.05	.05	.05	.05	.05	.05	.06	.06	.06			.05	.05	.05	.05	.06	.06	.06	.06	.054	22	.07
6*	.04	.06	.05	.05	.05	.05	.05	.06	.06	.05	.05	.06	.06	.06			.07	.07	.07	.07	.07	.06	.06	.06	.058	22	.07
7	.04	.05	.05	.04	.04	.05	.05	.05	.05	.06	.06	.06	.06	.07			.07	.07	.07	.06	.06	.05	.05	.05	.055	22	.07
8	.05	.04	.04	.04	.04	.05	.05	.04	.04	.04	.04	.04	.05	.05			.05	.05	.05	.04	.04	.04	.04	.04	.043	22	.06
9	.03	.03	.03	.03	.03	.04	.03	.04	.05	.05	.06	.06	.06	.07			.06	.07	.06	.06	.06	.06	.05	.05	.049	22	.07
10	.04	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03			.05	.05	.05	.04	.04	.04	.04	.04	.035	22	.06
11	.05	.04	.04	.04	.05	.05	.05	.06	.07	.08	.07	.06	.06	.06			.06	.06	.06	.05	.05	.06	.05	.05	.055	22	.08
12*	.04	.04	.04	.04	.03	.03	.04	.04	.04	.04	.04	.05	.06	.06			.06	.05	.06	.05	.05	.05	.05	.07	.046	22	.08
13*	.07	.07	.07	.05	.05	.04	.07	.06	.06	.06	.05	.05	.06	.07			.06	.06	.06	.06	.06	.05	.05	.05	.058	22	.08
14	.05	.04	.04	.03	.03	.02	.02	.02	.03	.02	.02	.02	.01				.04	.04	.04	.04	.04	.05	.05	.05	.032	21	.05
15	.04	.04	.02	.03	.05	.05	.04	.05	.05	.06	.07	.09	.10	.11							.08	.08	.08	.08	.061	18	.12
16	.08	.07	.07	.07	.07	.07	.07	.07	.07	.07	.07	.08	.08	.09				.10	.08	.07	.07				.075	18	.10
17																											
18	.05	.04	.04	.04	.04	.04	.04	.04	.04	.04	.05	.05	.05				.05	.05	.05	.05	.05	.06	.06	.06	.047	21	.06
19*	.06	.06	.07	.07	.07	.08	.09	.10	.10	.11	.12	.08	.06	.06			.06	.06	.06	.05	.05	.05	.05	.05	.070	22	.13
20*	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.05	.05	.05			.04	.04	.04	.04	.04	.04	.04	.04	.041	22	.06
21	.04	.05	.05	.05	.04	.03	.03	.05	.06	.07	.07	.07	.08	.08			.06	.06	.06	.06	.07	.06	.06	.06	.056	22	.10
22	.07	.07	.06	.06	.04	.06	.05	.06	.06	.06	.06	.06	.06	.06			.06	.05	.05	.05	.05	.06	.05	.05	.057	22	.09
23	.05	.04	.04	.04	.04	.04	.04	.04	.05	.05	.05	.05	.06	.06			.06	.06	.06	.05	.05	.05	.05	.05	.050	22	.06
24	.05	.05	.04	.04	.04	.04	.05	.05	.05	.04	.05	.05	.05	.05			.06	.06	.06	.05	.05	.05	.05	.05	.048	22	.06
25	.04	.04	.03	.03	.03	.03	.03	.04	.04	.04	.04	.05	.05	.04			.04	.05	.04	.04	.04	.05	.04	.04	.039	22	.05
26*	.05	.04	.04	.04	.04	.04	.04	.04	.05	.05	.05	.06	.06	.06			.03	.03	.03	.03	.03	.04	.04	.05	.043	22	.07
27*	.04	.04	.04	.03	.04	.04	.04	.03	.03	.03	.03	.04	.04	.03						.04	.03	.04	.04	.04	.035	19	.05
28	.04	.04	.04	.04	.04	.04	.04	.05	.05	.05				.03			.04	.05	.05	.04	.04	.04	.04	.04	.042	19	.05
29	.04	.04	.04	.04	.04	.04	.04	.04	.05	.05	.05	.05	.05	.05		.05	.05	.05	.05	.05	.05	.05	.05	.05	.047	23	.05
30	.05	.04	.04	.04	.04	.05	.06	.05	.05	.05	.05	.05	.05	.05			.05	.05	.05	.05	.05	.05	.05	.05	.049	22	.07
MEAN	.05	.05	.04	.04	.04	.04	.05	.05	.05	.05	.05	.05	.05	.06			.05	.06	.05	.05	.05	.05	.05	.05	.050		
NO	29	29	29	29	29	29	29	29	29	29	28	28	28	27		3	25	27	27	28	29	28	28	28		624	
MAX	.08	.07	.07	.07	.07	.08	.09	.10	.10	.11	.12	.09	.10	.11		.05	.07	.10	.08	.07	.08	.08	.08	.08	.075		.13

* Indicates Saturday or Sunday
Local standard time used

TABULATED THU., MAR. 16, 1967

CONTINUOUS AIR MONITORING PROGRAM

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

CHICAGO, ILL.

CONCENTRATION IN PPM
COLORIMETRIC ANALYSIS

NITROGEN DIOXIDE
DEC. 1966

DAY OF MONTH	AM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	PM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS	5 MIN MAX
1	.05	.04	.04	.04	.04	.04	.04	.05	.04	.05	.05	.05	.09	.04			.05	.05	.05	.05	.05	.05	.05	.04	.045	22	.05
2	.04	.04	.04	.04	.04	.04	.04	.04	.05	.05	.05	.05	.05	.05				.05	.05	.05	.05	.05	.05	.05	.046	21	.06
3*	.05	.05	.04	.04	.04	.04	.04	.05	.05	.05	.06	.07	.07	.06			.06	.06	.06	.06	.05	.05	.06	.05	.052	22	.07
4*	.06	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05			.06	.06	.05	.05	.05	.05	.05	.05	.050	22	.06
5																											
6																											
7	.04	.04	.03	.03	.03	.03	.03	.04	.04	.04	.04	.04	.04	.04				.04	.04	.04	.04	.04	.04	.04	.038	21	.05
8	.04	.04	.04	.04	.04	.05	.05	.05	.05	.07	.07	.06	.06	.06			.04	.04	.04	.03	.03	.03	.04	.03	.045	22	.07
9	.03	.03	.04	.03	.03	.03	.04	.04	.05	.05	.05	.04		.05		.05	.05	.05	.05	.04	.05	.05	.04	.04	.041	22	.05
10*	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.05	.05	.05	.05			.05	.05	.05	.05	.05	.05	.05	.05	.045	22	.05
11*	.05	.04	.04	.04	.04	.04	.04	.04	.04	.05	.05	.05	.05	.05		.05	.05	.05	.05	.05	.06	.06	.06	.06	.048	23	.06
12	.05	.06	.06	.06	.06	.05	.05	.06	.06	.06	.05	.05	.05	.05			.06	.06	.05	.05	.05	.05	.04	.04	.053	22	.06
13	.04	.04	.04	.04	.04	.04	.04	.04	.05	.05	.05	.05	.05	.05			.05	.05	.04	.04	.04	.04	.04	.04	.043	22	.05
14	.03	.03	.03	.04	.04	.04	.04	.04	.04	.04	.04	.05	.05	.05		.06	.06	.06	.06	.06	.06	.06	.05	.05	.046	23	.07
15	.05	.05	.04	.04	.04	.04	.05	.05	.05	.06						.06	.07	.07	.06	.06	.06	.07	.06	.05	.055	19	.07
16	.05	.04	.03	.03	.03	.03	.03	.04	.05	.04	.04	.04	.04	.04		.04	.04	.05	.05	.04	.05	.04	.04	.04	.040	23	.06
17*	.04	.04	.04	.04	.04	.04	.04	.04	.05	.04	.04	.05	.04	.04		.04	.04	.04	.05	.05	.05	.05	.05	.04	.043	23	.05
18*	.04	.04	.04	.04	.04	.04	.04	.04	.04	.05	.04	.04	.04	.04		.05	.05	.05	.05	.05	.05	.05	.05	.05	.045	23	.06
19	.05	.04	.04	.04	.04	.04	.04	.04	.04	.05	.04	.05	.04	.04		.05	.05	.05	.04	.04	.04	.04	.03	.03	.041	23	.05
20	.03	.03	.03	.03	.03	.03	.03	.03	.03	.04	.04	.04	.04	.04		.05	.04	.05	.05	.05	.04	.04	.04	.04	.037	23	.05
21	.05	.05	.04	.04	.04	.04	.04	.04	.04	.03	.04	.03	.04	.04			.04	.05	.04	.05	.04	.04	.04	.04	.041	22	.05
22	.04	.04	.04	.03	.04	.04	.04	.05	.05	.05	.05	.05	.05	.06		.06	.06	.06	.06	.06	.06	.05	.05	.05	.049	23	.06
23	.05	.05	.04	.05	.07	.05	.05	.05	.05	.05	.05	.06	.06	.05		.05	.05	.06	.05	.05	.05	.05	.05	.05	.051	23	.08
24*	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05		.05	.06	.06	.06	.05	.05	.05	.05	.05	.050	23	.07
25*	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.05	.05		.04	.05	.05	.05	.05	.05	.05	.05	.05	.044	23	.06
26	.05	.04	.04	.04	.05	.05	.04	.04	.05	.05	.04	.04	.04	.05		.06	.05	.05	.05	.05	.05	.05	.05	.05	.046	23	.06
27	.05	.05	.05	.05	.06	.06	.06	.06	.08	.09	.09	.07	.07	.06				.05	.05	.06	.05	.06	.05	.05	.060	21	.09
28	.05	.04	.04	.04	.04	.04	.04	.05	.05	.05	.05	.06	.06	.06		.06	.05	.05	.05	.05	.05	.05	.05	.05	.048	23	.06
29	.05	.04	.04	.04	.04	.05	.05	.05	.05	.05	.05	.05	.05	.05			.06	.06	.05	.05	.05	.05	.05	.05	.049	22	.06
30	.05	.05	.05	.05	.05	.05	.05	.05	.05	.06	.06	.05	.05	.05		.06	.06	.06	.06	.06	.06	.07	.06	.06	.054	23	.07
31*	.06	.05	.05	.05	.04	.05	.04	.05	.05	.05	.05	.06	.06	.05		.05	.05	.05	.05	.05	.04	.05	.04	.04	.049	23	.06
MEAN	.05	.04	.04	.04	.04	.04	.04	.04	.05	.05	.05	.05	.05	.05		.05	.05	.05	.05	.05	.05	.05	.05	.05	.047		
NO	29	29	29	29	29	29	29	29	29	29	28	28	27	28		17	26	29	29	29	29	29	29	29		647	
MAX	.06	.06	.06	.06	.07	.06	.06	.06	.08	.09	.09	.07	.07	.06		.06	.07	.07	.06	.06	.06	.07	.06	.06	.060		.09

* Indicates Saturday or Sunday
Local standard time used

TABULATED THU., MAR. 16, 1967

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONCENTRATION IN PPM
CONDUCTOMETRIC ANALYSIS

CHICAGO, ILL.

SULFUR DIOXIDE
JAN. 1966

DAY OF MONTH	AM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	PM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5 MIN MAX
1*	.07	.05	.06	.08	.06	.06	.06	.05	.04	.04	.03	.02	.01	.01	.01	.01	.03	.03	.01	.01	.01	.02	.01	.01	.035	24	.14
2*	.01	.01	.01	.01	.01	.01	.01	.01	.01	.02	.03	.07	.05	.21	.04	.06	.05	.06	.07	.04	.03	.03	.05	.04	.039	24	.43
3	.05	.10	.10	.14	.16	.21	.32	.26	.32	.19	.25	.22	.25	.51	.47	.33	.28	.22	.33	.30	.36	.41	.55	.46	.282	24	.70
4	.48	.50	.43	.45	.43	.51	.53	.55	.61	.44	.42	.40	.47	.44		.26	.20	.17	.14	.12	.27	.18	.18	.14	.362	23	.70
5	.40	.20	.43	.33	.41	.47	.39	.53	.57	.53	.49	.45	.60	.41	.35	.29	.23	.19	.15	.28	.37	.33	.54	.30	.385	24	.88
6	.29	.18	.20	.30	.31	.37	.32	.35	.35	.30	.22	.25	.24	.15	.13	.10	.09	.14	.16	.38	.31	.33	.21	.25	.245	24	.60
7	.32	.20	.15	.21	.09	.16	.19	.23	.19	.19	.24	.24	.33	.22	.22	.29	.27								.219	17	.57
8*																											
9*																											
10																											
11																											
12																											
13	.19	.16	.19	.38	.31	.29	.48	.41	.37	.37	.38	.34	.30	.22	.25			.04	.04	.03	.15	.15	.17	.15	.243	22	.54
14	.08	.18	.28	.32	.35	.28	.40	.36	.38	.51	.41	.33	.38	.24	.18	.08	.21	.18	.02	.03	.22	.33	.23	.04	.250	24	.66
15*	.02	.01	.01	.01	.00	.00	.00	.00	.01	.01	.01	.01	.01	.01	.02	.03	.04	.06	.06	.06	.05	.06	.04	.03	.023	24	.10
16*	.03	.02	.02	.01	.02	.02	.02	.03	.02	.01	.12	.26	.16	.12	.15	.11	.13	.12	.15	.15	.15	.08	.15	.14	.091	24	.40
17	.18	.17	.09							.20	.19	.14	.11	.14	.31	.22	.23	.20	.27	.25	.19	.23	.10	.13	.186	18	.46
18	.14	.13	.17	.26	.29	.42	.56	.64	.37	.34	.35	.18	.14	.10	.09	.16	.15	.11	.16	.23	.14	.15	.18	.19	.234	24	.84
19	.12	.21	.29	.33	.32	.43	.59	.61	.52	.38				.26	.15	.05		.04	.02	.21	.33	.26	.09	.27	.274	20	.83
20	.51	.31	.52	.44	.31	.36	.26	.23	.11	.07	.04	.05	.06	.19	.20	.08	.04	.01	.01	.01	.01	.01	.01	.01	.160	24	.73
21	.01	.01	.01	.01	.01	.01	.01	.02	.02	.03	.02	.01	.02	.02	.02	.02	.03	.02	.01	.03	.02	.02	.02	.03	.018	24	.11
22*	.03	.02	.02	.00	.00	.00	.16	.17	.19	.18	.24	.06	.02	.05	.12	.14	.19	.22	.24	.24	.22	.19	.19	.14	.126	24	.32
23*	.12	.09	.08	.07	.08	.09	.11	.14	.14	.14	.12	.09	.08	.08	.07	.09	.08	.08	.08	.13	.14	.16	.13	.19	.106	24	.25
24																											
25																											
26																											
27																											
28																											
29*																											
30*																											
31																											
MEAN	.17	.14	.17	.20	.19	.22	.26	.27	.25	.22	.21	.18	.19	.19	.16	.14	.14	.11	.11	.15	.17	.17	.17	.15	.180		
NO	18	18	18	17	17	17	17	17	17	18	17	17	17	18	17	17	16	17	17	17	17	17	17	17		412	
MAX	.51	.50	.52	.45	.43	.51	.59	.64	.61	.53	.49	.45	.60	.51	.47	.33	.28	.22	.33	.38	.37	.41	.55	.46	.385		.88

* Indicates Saturday or Sunday
Local standard time used

TABULATED THU., MAR. 16, 1967

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONCENTRATION IN PPM
CONDUCTOMETRIC ANALYSIS

CHICAGO, ILL.

SULFUR DIOXIDE
FEB. 1966

DAY OF MONTH	AM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	PM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5 MIN MAX
1																											
2																											
3																											
4																											
5*																											
6*																											
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26*																											
27*																											
28																											
MEAN																									.000		.00
NO																											
MAX																											

* Indicates Saturday or Sunday
Local standard time used

TABULATED THU., MAR. 16, 1967

CONTINUOUS AIR MONITORING PROGRAM

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

CHICAGO, ILL.

CONCENTRATION IN PPM
CONDUCTOMETRIC ANALYSIS

SULFUR DIOXIDE
MARCH 1966

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5 MIN MAX
1																											
2																											
3																											
4																											
5*																											
6*																											
7																											
8	.29	.11	.05	.32	.47	.40	.31	.32	.17	.14	.12	.10	.12	.11	.10	.13	.11	.12	.12	.12	.11	.16	.16	.29	.185	24	.52
9	.38	.42	.38	.33	.42	.42	.67	.70	.52	.57	.50	.39	.28	.17	.13	.16	.16	.10	.09	.08	.12	.14	.15	.15	.309	24	.90
10	.25	.29	.28	.18	.14	.14	.17	.17	.15	.21	.21	.21	.14	.09	.14	.11	.17	.22	.09	.09	.12	.09	.11	.23	.166	24	.39
11	.34	.19	.15	.13	.17	.20	.30	.27	.26	.44	.42	.27	.22	.13	.14	.06	.14	.20	.25	.20	.23	.22	.24	.21	.223	24	.59
12*	.21	.23	.23	.15	.13	.23	.27	.24	.19	.17	.17	.16	.12	.08	.10	.10	.07	.05	.07	.08	.07	.07	.06	.05	.137	24	.34
13*	.04	.04	.06	.08	.09	.08	.05	.07	.07	.05	.03	.04	.05	.10	.11	.16	.14	.12	.13						.079	19	.23
14									.16	.06	.05	.05	.07	.07	.07	.12		.07	.06	.04	.03	.03	.02	.01	.060	15	.19
15	.01	.01	.02	.07	.08	.15	.16	.19	.16	.15	.07	.08	.08	.08	.08	.10	.08	.05	.03	.03	.02	.02	.01	.01	.071	24	.26
16	.01	.01	.01	.00	.01	.01	.01	.02	.04	.03	.04	.03	.05	.04	.04	.03	.03	.03	.09	.13	.20	.28	.24	.18	.064	24	.34
17	.16	.11	.07	.08	.10	.14	.20	.22	.20	.17	.30	.06	.03	.04	.02	.02	.02	.02	.02	.01	.01	.01	.01	.01	.085	24	.65
18	.01	.01	.07	.04	.04	.12	.04	.15	.19	.22	.08	.09	.06	.05	.05	.08	.07	.07	.16	.33	.23	.20	.16	.27	.116	24	.47
19*	.20	.27	.27	.20	.26	.25	.11	.10	.08	.07	.05	.05	.07	.05	.07	.04	.03	.04	.06	.06	.06	.05	.06	.07	.105	24	.45
20*	.07	.05	.06	.08	.08	.14	.18	.19	.04	.02	.02	.04	.08	.08											.081	14	.30
21																											
22											.09	.07	.06	.07	.08	.08	.10	.11	.12	.07	.04	.04	.05	.03	.072	14	.14
23	.09	.10	.06	.22	.16	.13												.09	.08	.10	.13	.13	.13	.07	.114	13	.30
24	.08	.06	.07	.08	.14	.15	.23	.20	.20	.19	.19	.16	.17	.16	.16	.17	.15	.16	.14	.14	.09	.14	.11	.12	.143	24	.32
25	.12	.13	.13	.14	.20	.23	.21	.25	.16	.19	.21	.19					.43	.25	.33	.22	.09	.07	.09	.11	.188	20	.67
26*																											
27*																											
28																											
29	.32	.38	.51	.56	.60	.49	.50	.47	.52	.44	.35	.32	.51	.30	.45	.45	.32	.26	.29	.18	.14	.18	.20	.15	.369	24	.81
30	.14	.14	.14	.14	.23	.27	.27	.29	.27	.24	.19	.13	.12	.12	.13	.11	.10	.11	.10	.09	.09	.10	.10	.09	.154	24	.39
31	.07	.04	.02	.00	.02	.35	.48	.52	.66	.31	.10	.13	.33	.11	.07	.06	.06	.09	.06	.14	.18	.05	.04	.03	.163	24	1.09
MEAN	.15	.14	.14	.16	.18	.21	.24	.26	.22	.20	.17	.13	.14	.10	.11	.12	.13	.11	.12	.12	.11	.11	.11	.12	.150		
NO	18	18	18	18	18	18	17	17	18	18	19	19	18	18	17	17	17	19	19	18	18	18	18	18		431	
MAX	.38	.42	.51	.56	.60	.49	.67	.70	.66	.57	.50	.39	.51	.30	.45	.45	.43	.26	.33	.33	.23	.28	.24	.29	.369		1.09

* Indicates Saturday or Sunday
Local standard time used

TABULATED THU., MAR. 16, 1967

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONCENTRATION IN PPM
CONDUCTOMETRIC ANALYSIS

CHICAGO, ILL.

SULFUR DIOXIDE
APRIL 1966

DAY OF MONTH	AM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	PM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5 MIN MAX
1	.02	.02	.02	.02	.02	.06	.07	.09	.10	.09	.08	.08	.09	.07	.06	.06	.06	.06	.09	.05	.04	.09	.07	.04	.060	24	.14
2*	.04	.04	.04	.06	.09	.12	.16	.18	.18	.11	.08	.07	.02	.01	.01	.00	.00	.01	.01	.02	.03	.12	.24	.16	.075	24	.35
3*	.11	.07	.04	.04	.05	.06	.07	.03	.02	.03	.04	.06	.11	.10	.09	.09	.07	.08	.11	.08	.09	.11	.15	.21	.078	24	.26
4	.23	.25	.30	.33	.29	.26	.36	.43	.33	.23	.22	.14	.16			.10	.11	.06	.07	.08	.15	.11	.08	.08	.198	22	.52
5	.08	.08	.09	.08	.09	.16	.15	.19	.12	.11	.11	.11	.13	.13	.09	.09	.09	.08	.06	.06	.05	.09	.11	.13	.103	24	.26
6	.12	.13	.13	.12	.12	.14	.17	.15	.15	.15	.16	.19	.16	.14	.15	.13	.08	.10	.12	.09	.09	.15	.09	.11	.130	24	.29
7	.09	.08	.06	.09	.12	.17	.21	.18	.15	.12	.09	.11	.12	.10	.11	.13	.11	.08	.06	.04	.11	.10	.10	.11	.109	24	.30
8	.08	.10	.12	.15	.18	.29	.28	.29	.31	.14	.10	.11	.13	.11	.10	.07	.05	.03	.02	.04	.07	.10	.14	.08	.128	24	.43
9*	.11	.07	.07	.08	.11	.13	.23	.31	.23	.18	.15	.12	.10	.09	.10	.08	.09	.05	.05	.05	.03	.06	.09	.09	.110	24	.38
10*	.14	.08	.06	.15	.09	.08	.08	.09	.10	.05	.01	.01	.01	.00	.00	.00	.01	.00	.00	.01	.07	.06	.06	.05	.049	24	.21
11	.04	.05	.05	.06	.06	.02	.03	.03	.04	.05	.05	.06	.08		.16	.15	.15	.16	.15	.11	.05	.03	.03	.02	.070	23	.21
12	.02	.01	.01	.02	.02	.03	.05	.05	.06	.07	.11	.14	.13	.16	.16	.15	.15	.16	.15	.13	.10	.05	.02	.03	.082	24	.23
13	.03	.05	.04	.04	.08	.12	.15	.17	.18	.19	.17	.21	.14	.12	.10	.10	.10	.10	.09	.09	.14	.14	.13	.12	.115	24	.43
14	.12	.11	.08	.11	.07	.03	.04	.03	.02	.01	.01	.01	.02	.04	.04	.05	.05	.03	.03	.08	.08	.03	.01	.01	.045	24	.13
15	.00	.00	.00	.01	.02	.05	.05	.08	.12	.11	.13	.14	.15	.11	.06	.04	.04	.03	.03	.02	.05	.05	.05	.04	.057	24	.21
16*	.10	.11	.09	.07	.09	.24	.34	.28	.14	.11	.15	.18	.03	.02	.01	.00	.00	.00	.00	.00	.01	.01	.01	.25	.092	24	.38
17*	.25	.16	.23	.12	.14	.15	.27	.15	.08	.07	.05	.04	.02	.01	.01	.03	.04	.06	.07	.01	.03	.06	.09	.10	.093	24	.35
18	.11	.03	.02	.02	.04	.05	.08	.15	.50	.35	.10				.06	.09	.06	.18	.12	.13	.06	.01	.01	.01	.103	21	.89
19	.00	.00	.00	.04	.04	.05	.08	.08	.05	.10	.25	.29	.25	.21	.15	.16	.03	.02	.02	.03	.02	.02	.01	.03	.078	24	.43
20	.08	.07	.04	.10	.14	.11	.20	.16	.31	.26	.12	.07	.08	.05	.04	.06	.06	.05	.02	.06	.18	.05	.03	.01	.097	24	.46
21																											
22																											
23*		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.15	.25	.08	.08	.05	.02	.02	.04	.04	.03	.01	.03	.08	.037	23	.39
24*	.06	.04	.04	.04	.05	.07	.05	.06	.05	.04	.04	.04	.02	.02	.02	.01	.02	.01	.01	.01					.035	20	.09
25									.18	.07	.04	.02	.03				.01	.01	.01	.01	.02	.01	.13	.20	.057	13	.25
26	.14	.06	.05	.03	.05	.07	.09	.10	.06	.06	.03	.03	.03	.02	.03	.02	.02	.02	.01	.00	.00	.00	.00	.00	.038	24	.18
27	.00	.00	.00	.00	.00	.01	.01	.01	.01	.01	.01	.01	.01	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.004	24	.03
28	.00	.02	.14	.12	.13	.16	.14	.11	.10	.06	.07	.05	.04	.03	.01	.02	.02	.02	.02	.05	.04	.04	.04	.02	.059	24	.19
29	.04	.08	.09	.06	.03	.08	.08	.03	.00	.01	.01	.01	.01	.01	.00	.00	.01	.02	.04	.07	.05	.04	.02	.00	.031	24	.15
30*	.03	.05	.08	.12	.05	.08	.09	.06	.05	.04	.04	.04	.06	.02	.01	.02	.01	.01	.01	.01	.02	.03	.04	.03	.040	24	.18
MEAN	.08	.07	.07	.08	.08	.10	.13	.13	.13	.10	.09	.09	.09	.07	.06	.06	.05	.05	.05	.05	.06	.06	.07	.07	.078		
NO	26	27	27	27	27	27	27	27	28	28	28	27	27	24	26	27	28	28	28	28	27	27	27	27		650	
MAX	.25	.25	.30	.33	.29	.29	.36	.43	.50	.35	.25	.29	.25	.21	.16	.16	.15	.18	.15	.13	.18	.15	.24	.25	.198		.89

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TABULATED THU., MAR. 16, 1967

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONCENTRATION IN PPM
CONDUCTOMETRIC ANALYSIS

CHICAGO, ILL.

SULFUR DIOXIDE
MAY 1966

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS	5 MIN MAX
1*	.06	.08	.08	.07	.07	.08	.09	.05	.01	.03	.02	.02	.01	.01	.01	.02	.02	.02	.02	.02	.01	.00	.01	.02	.033	24	.13
2	.01	.02	.00	.00	.00	.02	.03	.02	.02	.01	.01	.02	.01	.03											.014	14	.08
3																											
4	.36	.28	.24	.18	.09	.03	.02	.02	.03	.02	.03	.02	.03	.03	.02	.03	.02	.03	.03	.03	.04	.03	.05	.06	.071	24	.39
5	.13	.17	.17	.16	.11	.13	.18	.30	.26	.05	.03	.03	.03	.04	.03	.02	.03	.02	.03	.05	.06	.05	.06	.05	.090	24	.34
6	.03	.04	.04	.04	.03	.04	.05	.05	.04	.03	.05	.04	.02				.03	.05	.02	.01	.02	.05	.06	.07	.037	21	.10
7*	.06	.03	.01	.00	.01	.03	.29	.22	.05	.05	.07	.08	.05	.06	.05	.03	.03	.02	.02	.04	.04	.04	.03	.02	.055	24	.37
8*	.01	.02	.02	.01	.02	.02	.01	.02	.02	.01	.01	.01	.01	.01	.02	.02	.01	.01	.01	.01	.01	.01	.01	.01	.013	24	.04
9	.01	.01	.01	.03	.04	.06	.08	.11	.14	.14	.14	.14	.12	.12		.10	.10	.10	.12	.13	.13	.12	.10	.12	.094	23	.21
10	.16	.07	.05									.01	.01	.01	.01	.01	.01	.01	.00	.01	.01	.00	.00	.00	.023	16	.22
11	.01	.00	.01	.01	.05	.05	.03	.02	.02	.01	.01	.01			.04	.03	.03	.02	.03	.03	.02	.02	.02	.02	.022	22	.09
12	.02	.02	.02	.02	.05	.07	.09	.09	.11	.11	.11	.10	.10	.09	.10	.10	.09	.09	.07	.07	.05	.04	.03	.03	.069	24	.12
13	.03	.02	.02	.02	.02	.05	.05	.04	.03	.03	.02	.02	.02	.02	.02	.02	.02	.02	.03	.02	.04	.06	.06	.06	.031	24	.08
14*	.07	.07	.06	.07	.08	.08	.09	.10	.08	.04	.05	.04	.04	.04	.04	.03	.02	.02	.02	.02	.02	.02	.02	.02	.047	24	.12
15*	.02	.02	.06	.07	.08	.09	.07	.05	.05	.04	.04	.03	.03	.04	.03	.03	.05	.07	.05	.04	.04	.05	.05	.06	.048	24	.10
16	.08	.07	.04	.06	.08	.12	.12	.08	.06	.04	.03		.02	.02	.01	.01	.01	.01	.01	.01	.01	.01	.08	.09	.047	23	.16
17	.03	.03	.02	.04	.04	.05	.05	.04	.03	.02							.03	.03	.03	.03	.03	.04	.05		.033	18	.08
18	.09	.10	.07	.05	.05	.04	.05	.06	.05	.04	.04	.04	.03	.04	.03	.01	.01	.01	.01	.01	.01	.01	.01	.01	.035	24	.12
19	.01	.01	.01	.01	.01	.02	.02	.02	.01	.01	.01	.01	.00	.00			.01	.02	.08	.06	.07	.07	.03	.02	.023	22	.17
20	.03	.07	.05	.07	.09	.10	.09	.11	.04	.03	.02	.02	.02	.02	.02	.01	.01	.01	.06	.05	.09	.09	.04	.03	.048	24	.15
21*	.06	.05	.04	.03	.03	.03	.05	.05	.03	.06	.08	.07	.09	.03	.02	.01	.01	.01	.01	.01	.01	.01	.02	.02	.035	24	.14
22*	.01	.02	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.02	.02	.01	.03	.03	.02	.05	.05	.016	24	.08
23	.03	.02	.02	.02	.02	.03	.04	.04	.03	.03	.02	.02	.02	.02	.02	.02	.01	.01	.01	.01	.01	.03	.02	.01	.021	24	.05
24	.02	.01	.02	.02	.02	.03	.03	.03	.03	.02	.02	.04	.01								.02	.02	.02	.08	.025	17	.10
25	.07	.05	.02	.04	.04	.06	.03	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.013	24	.10
26	.07	.11	.06	.10	.13	.11	.08	.13	.20	.10	.12	.10	.08	.07	.05	.08	.08	.06	.07	.04	.02	.04	.03	.06	.082	24	.38
27	.04	.05	.16	.10	.10	.07	.00	.00	.00	.00	.03	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.023	24	.23
28*	.00	.00	.00	.01	.00	.00	.00	.01	.00	.00	.00	.00	.00	.00	.01	.01	.03	.01	.00	.00	.00	.00	.00	.00	.003	24	.06
29*	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.01	.00	.00	.00	.00	.00	.00	.01	.01	.03	.06	.18	.013	24	.22
30	.06	.01	.00	.00	.00	.00	.02	.00	.01	.01	.01	.00	.00	.00	.00	.00	.00	.00	.00	.01	.00	.02	.01	.00	.006	24	.14
31	.00	.00	.00	.00	.00	.00	.02	.01	.01	.01	.01	.01	.02			.02	.00	.00	.00	.01	.05	.11	.05	.04	.017	22	.14
MEAN	.05	.05	.04	.04	.04	.05	.06	.06	.05	.03	.03	.03	.03	.03	.02	.02	.02	.02	.03	.03	.03	.03	.03	.04	.037		
NO.	30	30	30	29	29	29	29	29	29	29	28	28	28	25	23	25	28	28	28	28	29	29	29	29		678	
MAX	.36	.28	.24	.18	.13	.13	.29	.30	.26	.14	.14	.14	.12	.12	.10	.10	.10	.10	.12	.13	.13	.12	.10	.18	.094		.39

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CONCENTRATION IN PPM
CONDUCTOMETRIC ANALYSIS

CHICAGO, ILL.

SULFUR DIOXIDE
JUNE 1966

DAY OF MONTH	AM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	PM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5 MIN MAX
1	.03	.07	.03	.01	.02	.03	.03	.03	.02	.02	.02	.01	.02	.02	.02	.04	.03	.05	.03	.01	.01	.01	.01	.01	.023	24	.11
2	.06	.13	.05	.05	.05	.08	.05	.04	.03	.02	.02	.04	.02	.05	.03	.01	.01	.01	.01	.01	.01	.02	.02	.03	.035	24	.20
3	.06	.05	.06	.03	.04	.06	.05	.04	.05	.09	.10	.10	.06	.07	.06	.10	.12	.20	.09	.09	.08	.06	.04	.08	.073	24	.28
4*	.06	.07	.07	.07	.08	.08	.10	.08	.05	.05	.03	.01	.03	.06	.06	.07	.03	.06	.01	.05	.02	.02	.01		.050	23	.15
5*																											
6									.07	.08			.05	.02	.02	.02	.01	.01	.01	.01	.01	.01	.01	.01	.024	14	.12
7	.01	.01	.03	.02	.02	.04	.04	.03	.02	.01							.07	.03	.04	.02	.02	.02	.03	.03	.027	18	.20
8	.01	.01	.03	.06	.05	.06	.04	.01	.01	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.012	24	.08
9	.00	.00	.00	.00	.00	.00	.00	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.001	24	.02
10	.00	.00	.00	.00	.00	.00	.00	.01	.01	.00	.00	.00	.00	.01	.01	.01	.01	.01	.01	.02	.00	.00	.00	.00	.004	24	.03
11*	.00	.00	.00	.00	.03	.01	.01	.00	.00	.00	.00	.00	.00	.00											.004	14	.05
12*																											
13									.12	.03	.01	.01	.00			.01	.02	.00	.00	.02	.06	.06	.13	.13	.041	14	.21
14	.14	.03	.01	.01	.01	.01	.02	.02	.01	.06	.05	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.01	.016	24	.21
15	.01	.00	.01	.04	.07	.05	.04	.09	.09	.13	.08	.04	.08	.04	.01	.00	.00	.03	.01	.01	.02	.01	.01	.01	.035	24	.28
16	.02	.01	.00	.01	.02	.03	.02	.03	.01	.01	.02	.03	.03	.01	.00	.00	.00	.00	.00	.02	.07	.10	.05	.06	.023	24	.14
17	.10	.04	.03	.02	.01	.02	.05	.04	.04	.03	.05	.01	.01	.01	.01	.00									.029	16	.14
18*																											
19*																											
20									.05	.03	.00		.02	.01			.01	.03	.03	.07	.02	.01	.02	.13	.032	13	.23
21	.10	.01	.01	.00	.01	.03	.04	.21	.02	.00	.00	.01	.00	.04	.01	.01	.00	.00	.00	.00	.00	.00	.00	.00	.021	24	.37
22	.00	.01	.00	.00	.01	.01	.13	.18	.25	.06	.00	.00	.00	.00	.00	.00	.00	.00	.02	.01	.00	.00	.00	.00	.028	24	.44
23	.00	.00	.00	.00	.01	.01	.04	.09	.23	.12	.02	.01	.01	.01	.00	.01	.02	.01	.02	.01	.01	.00	.00	.01	.027	24	.34
24	.01	.11	.12	.10	.13	.17	.18	.14	.20	.22	.04	.02	.01	.01	.01	.00	.00	.00	.01	.01	.00	.00	.00	.00	.061	24	.33
25*	.00	.00	.00	.01	.00	.00	.02	.05	.02	.00	.00	.00	.00	.00	.00	.00	.01	.00	.06	.16	.11	.00	.00	.00	.018	24	.27
26*	.01	.01	.14	.13	.07	.06	.02	.00	.00	.04	.00	.01											.00	.00	.035	14	.25
27	.00	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00			.00	.00	.00	.00	.00	.00	.00	.00	.00	.001	22	.02
28	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.01	.01	.01	.00	.01	.01	.00	.01	.01	.01	.00	.00	.00	.004	24	.03
29	.00	.00	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.005	24	.03
30	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.01	.00	.00	.00	.01	.00	.00	.00	.00	.00	.01	.00	.00	.00	.002	24	.02
MEAN	.03	.02	.03	.03	.03	.03	.04	.05	.05	.04	.02	.01	.01	.02	.01	.01	.01	.02	.01	.02	.02	.01	.01	.02	.024		
NO	23	23	23	23	23	23	23	23	26	26	24	23	24	22	20	22	23	23	23	23	23	23	24	23		556	
MAX	.14	.13	.14	.13	.13	.17	.18	.21	.25	.22	.10	.10	.08	.07	.06	.10	.12	.20	.09	.16	.11	.10	.13	.13	.073		.44

* Indicates Saturday or Sunday
Local standard time used

TABULATED THU., MAR. 16, 1967

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONCENTRATION IN PPM
CONDUCTOMETRIC ANALYSIS

CHICAGO, ILL.

SULFUR DIOXIDE
JULY 1966

DAY OF MONTH	A M												P M												DAILY MEAN	NO OF HRS	5-MIN MAX
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12			
1	.00	.00	.00	.00	.01	.01	.01	.01	.01	.01	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.003	24	.01
2*	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.05	.03	.02	.01	.01	.00	.00	.00	.00	.00	.00	.006	24	.08
3*	.01	.01	.01	.04	.04	.04	.07	.14	.10	.03	.04	.03	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.023	24	.33
4	.00	.00	.00	.00	.01	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.001	24	.06
5	.00	.00	.00	.00	.00	.00	.00	.00	.01	.02	.02	.01	.01	.00		.00	.00	.00	.00	.03	.01	.02	.01	.00	.006	23	.10
6	.01	.02	.00	.00	.00	.02	.01	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.004	24	.05
7	.00	.01	.00	.00	.01	.01	.01	.01	.01	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.003	24	.03
8	.00	.00	.00	.01	.01	.01	.01	.01	.00	.00	.00	.00	.00	.00	.00	.01	.00	.00	.02	.01	.01	.01	.01	.01	.005	24	.05
9*	.00	.00	.00	.01	.01	.01	.02	.06	.04	.03	.07	.02	.01	.00	.02	.00	.03	.02	.01	.01	.00	.00	.01	.01	.015	24	.19
10*	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.04	.06	.01	.005	24	.11
11	.01	.00	.00	.00	.00	.01	.08	.08	.05	.05	.02		.05	.01	.01	.06	.04	.04	.06	.07	.04	.10	.05	.02	.036	23	.25
12	.02	.03	.05	.01	.00	.00	.00	.01	.01	.0.	.00	.00	.04	.03	.04	.01	.01	.00	.00	.01	.00	.00	.00	.00	.011	24	.10
13	.01	.01	.01	.01	.01	.01	.01	.01	.01	.00	.00	.01	.00	.01	.01	.01	.01	.01	.00	.00	.00	.00	.00	.00	.006	24	.02
14										.00	.00	.00	.00	.00	.01	.01	.01	.00	.00	.00	.00	.00	.00	.00	.002	15	.01
15	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.01				.01	.01	.01	.01	.01	.01	.01	.00	.00	.004	21	.04
16*	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.01	.00	.00	.00	.01	.01	.01	.00	.00	.00	.002	24	.02
17*	.00	.00	.00	.00	.05	.04	.01	.01	.01	.01	.01	.01	.04	.01	.00	.00	.00	.03	.02	.00	.00	.01	.01	.02	.013	24	.09
18	.01	.02	.01	.01	.02	.02	.07	.11	.17	.02	.01	.01	.01	.01	.01		.01	.01	.01	.00	.00	.00	.00	.00	.023	23	.20
19	.00	.00	.00	.00	.00	.01	.00	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.00	.00	.00	.00	.00	.00	.00	.004	24	.01
20	.01	.01	.00	.00	.00	.00	.00	.00	.00	.01	.01	.00	.01	.01	.01	.01	.01	.00	.00	.01	.01	.01	.01	.01	.005	24	.01
21	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.01	.01	.00	.00	.00	.00	.00	.00	.00	.002	24	.01
22	.00	.01	.03	.01	.01	.02	.02	.11	.15			.01	.01	.01	.00	.00	.00	.00	.00	.00	.00	.00	.03	.01	.020	22	.43
23*	.01	.01	.01	.02	.01	.01	.02	.02	.01	.00	.01	.01	.01	.01	.01	.00	.01	.00	.00	.00	.01	.01	.01	.02	.009	24	.04
24*																											
25																											
26		.01								.17	.06	.06	.03	.05	.05	.04	.01	.01	.01	.01	.01	.01	.00	.01	.032	16	.29
27																											
28									.02	.02	.04	.04	.03	.04	.02	.01	.02	.01	.00	.00	.00	.00	.01	.01	.018	16	.10
29	.02	.01	.02	.02	.02	.01	.01	.01	.01	.03	.02	.01	.02	.02	.02	.01	.02	.02	.02	.02	.02	.02	.01	.01	.016	24	.05
30*	.01	.01	.01	.01	.00	.01	.01	.01	.01	.01	.01	.01	.02	.02	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.010	24	.03
31*	.02	.04	.04	.04	.03	.05	.03	.03	.07	.09	.03	.04	.05	.05											.043	14	.17
MEAN	.01	.01	.01	.01	.01	.01	.02	.03	.03	.02	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.011		
NO	25	26	25	25	25	25	25	25	26	27	27	27	27	27	25	26	27	27	27	27	27	27	27	27		629	
MAX	.02	.04	.05	.04	.05	.05	.08	.14	.17	.17	.07	.06	.05	.05	.05	.06	.04	.04	.06	.07	.04	.10	.06	.02	.043		.43

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CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
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Cincinnati, Ohio 45226

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONCENTRATION IN PPM
CONDUCTOMETRIC ANALYSIS

CHICAGO, ILL.

SULFUR DIOXIDE
AUG. 1966

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS	5 MIN MAX
1										.16	.17	.12	.06	.07	.05	.00	.00	.01	.08	.02	.03	.05	.01	.00	.055	15	.31
2	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.00	.00	.00	.00	.00	.00	.00	.01	.00	.01	.001	24	.02
3	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.001	24	.02
4	.04	.04	.04	.06	.05	.04	.04	.02	.01	.03	.05	.04	.03	.01	.01	.01	.01	.00	.00	.00	.00	.00	.02	.06	.025	24	.13
5	.06	.04	.12	.06	.07	.05	.05	.06	.04	.07	.06	.03	.02	.00	.00	.01	.01	.01	.01	.01	.01	.01	.02	.04	.035	24	.17
6*	.05	.09	.06	.06	.06	.05	.06	.05	.05	.05	.06	.06	.05	.05	.08	.06	.04	.02	.01	.01	.03	.09	.06	.05	.051	24	.12
7*	.04	.04	.05	.04	.05	.05	.06	.03	.02	.08	.06	.03	.03	.04	.02	.01	.02	.02	.10	.04	.05	.04	.07	.11	.045	24	.17
8	.08	.03	.01	.02	.02	.03	.08	.21	.15	.11			.17	.04	.02	.01	.01	.01	.01	.00	.01	.01	.01	.01	.048	22	.40
9	.01	.01	.01	.01	.02	.02	.02	.02	.03	.01	.01	.01	.01	.02	.01	.02	.02	.02	.01	.01	.01	.01	.01	.02	.014	24	.04
10	.02	.01	.02	.03	.03	.03	.03	.03	.02	.02	.04	.08	.05	.04	.02	.02	.02	.01	.01	.01	.02	.02	.02	.02	.024	24	.11
11	.02	.03	.02	.02	.05	.04	.05	.04	.02	.02	.02	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.018	24	.05
12	.01	.03	.05	.04	.02	.02	.03	.02	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.016	24	.07
13*	.01	.00	.00	.00	.00	.00	.06	.02	.02	.02	.06	.02	.01	.01	.01	.02	.01	.02	.06	.02	.02	.02	.08	.06	.022	24	.13
14*																											
15																											
16																											
17																											
18																											
19	.01	.01	.03	.03	.01	.02	.02	.02	.02	.01	.02	.02	.03	.04	.04	.03	.02	.03	.03	.04	.05	.06	.04	.02	.026	24	.06
20*	.01	.01	.01	.02	.02	.02	.02	.02	.02	.01	.02	.02	.02	.02	.02	.02	.04	.05	.05	.04	.02	.02	.01	.01	.021	24	.06
21*	.01	.01	.03	.03	.03	.03	.02	.07	.12	.07	.17	.18	.11	.12	.08	.02	.02	.06							.065	18	.34
22																											
23	.01	.01	.01	.02	.02	.02	.03	.03	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.03	.02	.03	.04	.021	24	.07
24	.04	.04	.04	.04	.04	.05	.04	.04	.03	.02	.02	.02	.02	.02	.02	.01	.01	.02	.01	.01	.03	.04	.04	.04	.028	24	.06
25	.04	.03	.03	.03	.03	.04	.04	.05	.03	.02	.02	.02	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.020	24	.07
26	.01	.02	.02	.02	.02	.03	.05	.04	.06					.12	.14	.13	.12	.11	.06	.03	.03	.03	.04	.06	.057	20	.29
27*	.04	.13	.15	.03	.03	.03	.03	.04	.03	.02	.02	.04	.08	.08	.09	.07	.10	.06	.04	.07	.16	.12	.15	.20	.074	24	.21
28*																											
29																											
30	.10	.09	.21	.18	.08	.08	.05	.05	.03	.02	.32	.22					.09	.09	.07	.03	.04	.05	.06	.12	.098	20	.49
31	.04	.00	.01	.04	.08	.06	.05	.05	.05	.03	.04	.05	.02	.02	.02	.03	.03	.02	.01	.01	.01	.00	.00	.01	.027	24	.19
MEAN	.03	.03	.04	.04	.03	.03	.04	.04	.04	.04	.05	.05	.04	.03	.03	.02	.03	.03	.03	.02	.03	.03	.03	.04	.033		
NO	22	22	22	22	22	22	22	22	22	22	21	21	21	22	22	22	23	23	22	22	22	22	22	22		527	
MAX	.10	.13	.21	.18	.08	.08	.08	.21	.15	.16	.32	.22	.17	.12	.14	.13	.12	.11	.10	.07	.16	.12	.15	.20	.098		.49

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CONCENTRATION IN PPM
CONDUCTOMETRIC ANALYSIS

CHICAGO, ILL.

SULFUR DIOXIDE
SEPT. 1966

DAY OF MONTH	AM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	PM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5 MIN MAX
1	.05	.07	.08	.11	.11	.10	.12	.09	.11	.13		.10	.11				.06	.04	.03	.03	.04	.06	.18	.34	.097	20	.48
2	.19	.15	.35	.27	.27	.18	.21	.31	.43	.30	.15	.08	.12	.12	.18	.11	.24	.09	.13	.19	.14	.05	.11	.11	.184	24	.63
3*	.17	.05	.01	.07	.04	.09	.11	.05	.02	.11	.07	.07	.02	.01	.00	.00	.04	.04	.01	.00	.01	.03	.01	.01	.044	24	.19
4*	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00			.01	.00	.00	.00	.00	.00	.00	.01	.00	.01	.00	.001	22	.12
5	.00	.00	.00	.00	.00	.01	.01	.01	.01	.00	.00	.00	.00	.00	.00	.00	.00	.01	.00	.00	.00	.01	.00	.00	.003	24	.07
6	.00	.02	.01	.03	.03	.05	.07	.05	.04	.03	.04	.03	.03	.01				.00	.00	.00	.00	.00	.00	.00	.020	21	.19
7	.00	.00	.00	.00	.00	.01	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.001	24	.02
8	.00	.00	.01	.00	.00	.00	.00	.00	.00	.00	.01	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.001	24	.05
9	.00	.00	.00	.07	.02	.01	.01	.04	.29	.34	.10					.00	.00	.00	.00	.00	.00	.00	.00	.00	.043	20	.68
10*	.03	.13	.07	.04	.02	.02	.05	.07	.21	.10	.03	.03	.01	.03	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.035	24	.32
11*	.00	.00	.06	.10	.04	.00	.00	.01	.00	.00	.01	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.010	24	.14
12	.00	.00	.04	.00	.05	.07	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.007	24	.13
13	.00	.02	.17	.06	.02	.01	.01	.02	.01	.04	.03	.02	.01	.00	.00	.00	.00	.00	.02	.03	.00	.00	.00	.00	.019	24	.25
14	.00	.01	.01	.03	.01	.06	.15	.18	.09	.02	.01	.00	.00	.00	.00										.037	15	.24
15										.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.000	15	.01
16	.00	.00	.01	.00	.00	.02	.05	.04	.01	.00	.00	.01	.00				.00	.00	.01	.00	.00	.00	.01	.01	.008	21	.10
17*	.01	.01	.01	.02	.01	.02	.01	.01	.01	.00	.00	.00	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.005	24	.02
18*																											
19																											
20	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.01	.01	.01	.01	.01	.01	.01	.01	.00	.01	.01	.00	.00	.00	.005	24	.04
21	.01	.01	.01	.01	.01	.01	.01	.01	.01	.02	.02	.02	.01	.01	.01	.01	.01	.02	.01	.02	.02	.03	.05	.11	.019	24	.14
22	.10	.22	.11										.00	.01			.00	.00	.00	.00	.00	.01	.01	.01	.036	13	.28
23	.01	.00	.00	.02	.04	.05	.05	.05	.06	.01	.01	.01	.01	.01	.00	.00	.00	.00	.02	.03	.02	.02	.03	.03	.020	24	.14
24*	.05	.04	.02	.04	.07	.06	.07	.05	.02	.00	.00	.00	.00	.00	.01	.00	.01	.01	.00	.01	.01	.01	.01	.01	.020	24	.10
25*	.00	.01	.01	.01	.01	.01	.01	.01	.02	.03	.02	.02	.02	.00	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.008	24	.04
26	.00	.00	.00	.04	.06	.13	.18	.33	.31	.19	.07	.02	.01	.01	.02	.02	.02	.03	.04	.03	.02	.02	.00	.00	.065	24	.40
27	.00	.00	.00	.00	.00	.01	.01	.17	.17	.09	.10	.08	.05	.04	.02	.01	.01	.01	.01	.04	.10	.10	.07	.03	.046	24	.21
28	.02	.04	.06	.05	.07	.10	.16									.19	.12	.15	.10	.14	.09	.18	.19	.19	.115	16	.32
29	.17	.09	.11	.11	.07	.11	.32	.22	.03	.02	.01	.01	.02	.02	.02	.02	.02	.02	.02	.03	.03	.03	.03	.03	.064	24	.36
30						.15	.18	.21	.15	.13			.01				.01	.01	.01	.01	.01	.02	.05	.01	.067	14	.26
MEAN	.03	.03	.04	.04	.04	.05	.07	.08	.08	.06	.03	.02	.02	.01	.01	.02	.02	.02	.02	.02	.02	.02	.03	.03	.034		
NO	26	26	26	25	25	26	26	25	25	26	24	23	25	23	21	22	26	27	27	27	27	27	27	27		609	
MAX	.19	.22	.35	.27	.22	.18	.32	.33	.43	.34	.15	.10	.12	.12	.18	.19	.24	.15	.13	.19	.14	.18	.19	.34	.184		.68

TABULATED THU., MAR. 16, 1967

* Indicates Saturday or Sunday
Local standard time used

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONCENTRATION IN PPM
CONDUCTOMETRIC ANALYSIS

CHICAGO, ILL.

SULFUR DIOXIDE
OCT. 1966

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS.	5 MIN. MAX.
1*																											
2*																											
3																											
4	.04	.01	.01	.01	.01	.01	.01	.02	.01	.01	.01	.01	.01	.01		.01	.01	.01	.01	.01	.01	.01	.01	.01	.011	23	.17
5	.01	.01	.01	.01	.01	.05	.12	.07	.05	.03	.02	.01	.01	.01	.01	.01	.01	.01	.02	.01	.03	.03	.04	.03	.026	24	.14
6	.08	.07	.10	.13	.20	.27	.21	.58	.64	.40	.37	.37	.21	.22	.09	.14	.08	.15	.16	.12	.20	.10	.05	.10	.209	24	.91
7	.30	.44	.57	.41	.24	.29	.19	.21	.26	.27			.20	.19	.28	.11	.45	.06	.06	.16	.49	.54	.15	.03	.269	22	.78
8*	.02	.03	.07	.06	.05	.08	.10	.20	.16	.36	.36	.33	.25	.07	.15	.13	.28	.03	.01	.09	.23	.20	.09	.15	.145	24	.65
9*																											
10								.05	.03	.02	.02	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.014	17	.06
11	.01	.01	.01	.02	.03	.09	.09	.08	.05	.03	.02	.01	.02	.01	.01	.01	.01	.01	.03	.04	.08	.06	.05	.08	.036	24	.13
12																											
13										.30			.32	.28	.09	.00	.00	.00	.03	.09	.01	.00	.00	.00	.087	13	.51
14	.00										.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.009	15	.03
15*	.01	.01	.04	.10	.16	.17	.09	.08	.04	.17	.11	.07	.08	.11	.05	.01	.01	.01	.01	.01	.01	.01	.01	.03	.057	24	.37
16*	.02	.01	.01	.01	.01	.01	.02	.01	.02	.02	.02	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.012	24	.07
17	.02	.01	.01	.03	.07	.11	.15	.15	.08					.02	.04	.06	.04	.03	.06	.08	.15	.30	.10	.05	.078	20	.41
18	.03	.04	.03	.03	.08	.14	.19	.15	.09	.09	.08	.09	.04	.02	.01	.01	.02	.02	.01	.02	.02	.06	.09	.10	.060	24	.23
19	.11	.10	.06	.03	.04	.10	.13	.09	.07	.05	.06	.08	.05	.04	.04	.02	.03	.03	.03	.03	.06	.02	.02	.02	.054	24	.17
20	.03	.07	.15	.19	.18	.21	.30	.27	.23	.81	.35	.27	.15			.12	.13	.03	.02	.03	.15	.14	.08	.10	.182	22	1.04
21	.10	.15	.21	.13	.07	.10	.12	.10	.03	.03	.02	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.03	.046	24	.30
22*	.03	.04	.04	.07	.14	.39	.56	.13	.09	.01	.00	.00	.01	.00	.00	.00	.00	.00	.00	.01	.00	.02	.01	.02	.065	24	.75
23*	.01	.01	.08	.17	.15	.21	.10	.08	.08	.04	.01	.00	.00	.00	.00	.01	.01	.06	.11	.05	.02	.06	.04	.04	.056	24	.26
24	.03	.08	.24	.15	.13	.17	.46	.52	.25	.08	.04	.03	.04	.01	.00	.00	.00	.01	.04	.01	.01	.00	.01	.01	.095	24	.66
25	.01	.00	.08	.13	.15	.15	.11	.44	.35	.32	.13	.02	.01	.01	.00	.01	.01	.01	.02	.04	.09	.10	.31	.19	.111	24	.55
26	.08	.06	.08	.18	.24	.19	.36	.38	.35	.44	.56	.25	.28	.07	.03	.04	.06	.04	.09	.15	.21	.11	.06	.07	.186	24	1.06
27	.06	.07	.15	.26	.25	.42	.38	.28	.20	.13	.35	.31	.13	.33	.22	.11	.02	.01	.02	.01	.03	.21	.26	.32	.188	24	.76
28	.24	.31	.18	.10	.12	.15	.22	.42	.29	.03	.02	.02	.02				.01	.01	.01	.00	.01	.01	.01	.02	.103	21	.48
29*	.01	.00	.00	.00	.00	.01	.02	.02	.02	.01	.01	.02	.02	.02	.01	.01	.02	.01	.01	.01	.01	.00	.01	.00	.010	24	.04
30*	.00	.00	.09	.15	.15	.28	.26	.06	.04	.05	.04	.05	.04	.01	.02	.03	.02	.04	.14	.25	.09	.10	.13	.20	.093	24	.35
31																											
MEAN	.05	.07	.10	.11	.11	.16	.19	.19	.15	.16	.12	.09	.08	.06	.05	.04	.05	.02	.04	.05	.08	.08	.06	.06	.089		
NO.	23	22	22	22	22	22	22	23	23	23	22	22	24	23	22	24	23	25	25	25	25	25	25	25		561	
MAX	.30	.44	.57	.41	.26	.42	.56	.58	.64	.81	.66	.37	.32	.33	.28	.14	.45	.15	.16	.25	.49	.54	.31	.32	.269		1.06

* Indicates Saturday or Sunday
Local standard time used

TABULATED THU., MAR. 16, 1967

CONTINUOUS AIR MONITORING PROGRAM

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

CONCENTRATION IN PPM
CONDUCTOMETRIC ANALYSIS

CHICAGO, ILL.

SULFUR DIOXIDE
NOV. 1966

DAY OF MONTH	AM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	PM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS.	5 MIN MAX
1																											
2																											
3											.11	.10	.08		.04	.04	.05	.03	.05	.07	.11	.14	.17	.17	.089	13	.23
4	.20	.32	.44	.44	.30	.41	.48	.51	.22	.15	.17	.06	.04	.04	.07			.06	.07	.08	.21	.06	.08	.12	.207	22	.66
5*																											
6*																											
7												.16	.05	.01	.01	.01	.01	.01	.01	.01	.01	.02	.06	.25	.047	13	.37
8	.20	.18	.09	.11	.11	.19	.13	.03	.03	.03	.04	.03	.01	.01	.01	.02	.02	.02	.03	.04	.03	.02	.02	.03	.061	24	.37
9	.05	.01	.03							.13	.15	.13	.17	.04	.05	.14	.09	.03	.04	.13	.03	.13	.03	.12	.082	18	.34
10	.17	.02	.02	.03	.01	.02	.05	.05	.06	.06	.03	.05	.05	.08	.05	.07	.06	.06	.05	.04	.05	.08	.07	.27	.062	24	.59
11																											
12*																											
13*																											
14																											
15	.01	.01	.03	.12	.39	.28	.31	.40	.25	.16	.13	.17	.13	.09			.08	.11							.164	16	.67
16																											
17																											
18	.00	.00	.00	.00	.01	.03	.05	.07	.06	.04	.02	.02	.03	.05	.07	.03	.16	.18	.16	.14	.17	.16	.22	.20	.076	24	.28
19*	.19	.20	.22	.23	.27	.32			.40	.51	.46	.41	.35		.33	.19			.23	.08	.10	.26	.22	.10	.266	19	.61
20*	.03	.06	.03	.03	.07	.09	.09	.16	.18	.18	.41	.49	.37	.25	.19	.21	.10	.06		.04	.02	.03	.04	.03	.137	23	.50
21	.30	.28	.13	.20	.07	.05	.27	.78	.80	.28		.39	.26	.11	.10	.10	.18	.15	.16	.23	.27	.07	.05	.04	.228	23	1.11
22	.04	.03	.03	.04	.04	.06	.04	.08	.07	.08	.09	.03	.05	.04	.03	.04	.03	.04	.03	.18	.07	.03	.03	.04	.052	24	.32
23	.08	.07	.08	.15	.26	.20	.31	.35	.37	.42	.33	.24	.05	.04	.04	.01	.01	.02	.02	.24	.25	.47	.39	.36	.197	24	.56
24	.26	.15	.07	.09	.09	.09	.09	.12	.18	.19			.07				.15		.09	.34	.03	.25	.25	.18	.149	18	.48
25	.05	.12	.01	.04	.01	.03	.05	.05	.06	.04	.03	.06	.05	.04	.06	.04	.04	.04	.08	.11	.30	.21	.20	.13	.077	24	.37
26*	.18	.10	.07	.04	.08	.10	.19	.25	.36	.29	.25	.11	.09	.21	.13	.14	.15	.20	.19	.13	.12	.09	.05	.09	.150	24	.42
27*	.07	.02	.07	.12	.04	.11	.11	.06	.06	.04	.04	.03	.02	.01	.01	.01	.01	.01	.01	.01	.02	.05	.07	.05	.043	24	.22
28	.08	.10	.11	.14	.19	.25	.27	.30			.27	.27	.25				.22	.19	.17	.19	.16	.15	.14	.14	.189	19	.33
29	.13	.13	.14	.14	.20	.30									.24	.32	.35	.32	.23	.14	.15	.16	.17	.19	.207	16	.38
30	.17	.15	.18	.18	.21	.27	.29	.25	.19	.15	.16	.20	.12	.11	.10	.06	.07	.10	.09	.20	.15	.13	.11	.10	.155	24	.33
MEAN	.12	.11	.10	.12	.14	.16				.17	.17	.16	.12		.09	.09	.10	.09	.09	.13	.12	.13	.12	.14	.131		
NO.	18	18	18	17	17	17	15	15	15	16	16	18	19	15	17	16	18	18	18	19	19	19	19	19		416	
MAX	.30	.32	.46	.44	.39	.41	.48	.78	.80	.51	.46	.49	.37	.25	.33	.32	.35	.32	.23	.34	.30	.47	.39	.36	.266		1.11

* Indicates Saturday or Sunday
Local standard time used

TABULATED THU., MAR. 16, 1967

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONCENTRATION IN PPM
CONDUCTOMETRIC ANALYSIS

CHICAGO, ILL.

SULFUR DIOXIDE
DEC. 1966

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS	5-MIN MAX
1												.14	.12	.10	.12	.11	.12	.09	.11	.14	.15	.23	.32	.22	.152	13	.40
2												.51	.37		.18	.26	.15								.291	16	.72
3*	.20	.29	.30	.29	.30	.21	.25	.28	.25	.26	.55																
4*																											
5																											
6	.09	.13	.13	.13	.18	.13		.13		.07	.07	.10		.12	.13	.15	.20	.48	.73	.24	.20	.06	.06	.14	.173	21	.85
7		.04	.05	.06		.06	.06	.15	.15	.18	.19	.19	.19	.19					.10	.11	.08	.02	.00	.00	.102	18	.22
8	.00	.02	.12	.03	.01	.03	.29	.41	.29	.16	.07	.03	.05	.13	.16	.06	.05	.05	.09	.06	.02	.01	.02	.04	.091	24	.73
9	.02	.02	.04	.05	.09	.16	.28	.28	.30									.13	.12	.10	.10	.08	.09	.08	.120	16	.42
10*																											
11*																											
12																											
13	.45	.85	.81	.36	.33	.35	.35	.40	.17	.23	.31	.31	.25	.30	.34	.37	.43	.36	.29	.25	.30	.26	.28	.32	.360	24	1.14
14	.24	.25	.25	.32	.27	.39	.31	.59	.43	.48	.51	.29	.34	.41	.20	.21	.19	.13	.11	.12	.16	.20	.14	.14	.278	24	1.08
15	.15	.16	.17	.22	.21	.25	.39	.27	.23	.19	.21	.39	.19	.15	.20	.32	.30	.33	.45	.21	.30	.37	.20	.17	.251	24	.61
16	.15	.08	.04	.04	.08	.09	.15	.19	.19	.13	.19	.17	.21	.48	.41	.39	.49	.53	.31	.46	.57	.46	.39	.33	.272	24	.81
17*	.28	.34	.35	.31	.28	.32	.26	.29	.37	.57	.56	.60	.60	.54	.59	.51	.24	.17	.23	.23	.23	.24	.31	.29	.362	24	.74
18*	.29	.12	.12	.17	.15	.24	.27	.27	.29	.30	.19	.13	.13	.12	.11	.12	.11	.08	.10	.12	.10	.10	.09	.08	.157	24	.40
19	.09	.08	.06	.03	.01	.04	.10	.19	.33	.20			.15	.16			.16	.21	.04	.04	.06	.05	.06	.04	.106	20	.43
20	.04	.04	.04	.08	.15	.21	.29	.31	.30	.33	.32	.30	.28	.25	.15	.17	.14	.13	.19	.21	.12	.05	.02	.06	.174	24	.41
21	.15	.13	.07	.13	.10	.15	.22	.25	.18	.02	.04	.15	.36	.23				.28	.43	.31	.28	.29	.28	.26	.205	21	.51
22	.25	.26	.26	.29	.35	.43	.53	.61	.59	.53	.47	.44	.35	.28	.30	.36	.41	.34	.32	.37	.41	.39	.35	.35	.383	24	.64
23	.33	.25	.28	.34	.37	.45	.44	.28	.27	.29	.30	.25	.24	.25	.27	.31	.35	.32	.31	.37	.30	.28	.27	.23	.305	24	.55
24*	.17	.17	.18	.13	.15	.20	.26	.24	.24	.21	.16	.14	.12	.09	.10	.09	.11	.10	.13	.15	.14	.12	.11	.11	.150	24	.29
25*	.13	.11	.11	.15	.16	.14	.15	.15	.17	.19	.15	.11	.12	.07	.08	.10	.08	.16	.21	.14	.17	.12	.14	.23	.138	24	.28
26	.24	.29	.26	.19	.20	.22	.27	.33	.46	.32	.17	.13	.11	.13	.14	.10	.10	.12	.14	.21	.28	.27	.30	.28	.219	24	.52
27	.31	.37	.27	.44	.53	.60	.66	.66	.82	.97	.78	.52	.32	.13	.14	.08	.06	.05	.03	.03	.03	.00	.02	.01	.326	24	1.14
28	.01	.00	.00	.00	.00	.00	.01	.05	.05					.73	.45	.29	.45	.24	.36	.28	.30	.25	.42	.44	.216	20	.85
29	.23	.09	.09	.10	.14	.15	.20	.19	.19	.25	.30	.33	.34	.26											.203	14	.65
30		.48	.53	.43	.44	.52	.57	.70	.61	.83	.56	.60		.67	.62	.56	.41	.48	.47	.52	.54	.50	.59	.45	.548	22	.99
31*																											
MEAN	.18	.20	.20	.18	.20	.23	.29	.31	.31	.32	.30	.28	.24	.26	.25	.24	.23	.23	.24	.21	.22	.20	.20	.19	.218		
NO.	21	23	23	23	22	23	22	23	22	21	20	21	20	22	19	19	20	21	22	22	22	22	22	22		517	
MAX	.45	.85	.81	.44	.53	.60	.66	.70	.82	.97	.78	.60	.60	.73	.62	.56	.49	.53	.73	.52	.57	.50	.59	.45	.548		1.14

* Indicates Saturday or Sunday
Local standard time used

TABULATED THU., MAR. 16, 1967

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONCENTRATION IN PPM
FLAME IONIZATION ANALYSIS

CHICAGO, ILL.

TOTAL HYDROCARBON
JAN. 1966

DAY OF MONTH	AM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	PM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS	5 MIN MAX
1*	2.8	3.2	2.6	2.5	2.4	2.1	1.8	1.8	1.7	1.6	1.8	1.9	1.9	1.9	2.0	2.2	2.4	2.7	2.6	2.8	3.5	3.2	2.8	2.8	2.37	24	5.4
2*	2.4	2.1	1.9	1.8	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.5	1.8	1.9	1.7										1.66	15	2.5
3																											
4	3.5	2.8	2.7	2.5	2.4	2.2	2.4	3.0	3.4	3.5	3.6	3.7	3.5			3.3	4.1	4.7	4.9	4.5	4.5	4.6	4.4	4.9	3.58	22	9.0
5	5.4	4.4	4.5	4.4	4.0	4.4	5.0	6.0	7.4	7.6	7.4	6.5	5.9	5.8	4.7	5.2	6.2	7.1	6.2	5.6	5.7	7.1	5.7	4.6	5.69	24	8.6
6	4.1	3.5	3.3	3.0	2.6	2.5	2.6	3.3	3.8	3.9	3.4	3.1	3.1	3.0	2.9	3.1	3.0	3.2	3.0	2.8	2.7	2.7	2.7	2.4	3.05	24	4.2
7	2..	2.0	1.9	1.9	1.8	1.8	2.0	2.5	2.8	2.9	2.6	2.5	2.6	2.7	2.9	3.1	3.3	3.4	2.9	4.5	2.4	2.5	2.5	2.8	2.51	24	3.5
8*	2.5	2.3	2.5	2.5	2.1	2.1	2.1	2.3	2.5	2.7	3.1	2.9	2.6	2.5	2.5	2.4	2.6	2.6	2.6	4.5	2.5	2.3	2.2	2.3	2.46	24	3.2
9*	2.3	2.2	2.1				2.0		2.0	2.0	1.9	2.0	2.0	1.9	2.0	2.1	2.1	2.1	2.1	2.1	2.1	2.2	2.3	2.3	2.08	20	2.4
10	2.2	2.2	2.1	1.9	1.9	1.7	1.8	1.9	2.1	2.2	2.4	2.3	2.2	2.1	2.1	2.2	2.3	2.3	2.2	2.1	2.1	2.2	2.1	2.3	2.12	24	2.5
11	2.2	2.0	2.7	2.3	1.9	1.9	2.1	2.7	3.1	3.4	3.3	3.1	2.7			2.9	2.9	3.0	3.0	4.5	2.2	2.1	2.0	2.0	2.54	22	3.4
12	2.0	1.9	1.8	1.8	1.8	1.8	1.7	2.0	2.1	2.1	2.1	2.0	2.1	2.1	2.1	2.0		2.1	2.0	1.8	1.9	1.9	2.0	2.0	1.95	23	2.1
13	1.9	2.0	2.1	2.2	2.1	1.8	2.2	2.8	2.9	2.9	2.8	2.7	2.6	2.5	2.6	2.6	2.6	2.6	2.5	2.3	2.2	2.2	2.2	2.2	2.39	24	2.9
14	2.1	3.2	2.7	2.2	2.2	2.1	2.0	2.3	2.5	2.5	2.7	3.0	3.2	3.4	3.2	3.1	3.4	4.1	3.5	3.0	3.5	3.7	3.2	2.8	2.89	24	4.3
15*	2.5	3.1	2.9	2.0	1.9	1.8	1.7	1.8	2.0	2.1	2.3	2.6	2.7	2.7	2.7	2.8	2.9		2.6	2.1		2.0	2.1	2.3	2.34	22	4.4
16*		2.2	2.0	1.9	1.9	1.7	1.7	1.7	1.7	1.7	1.9				2.2	2.6	2.6	2.6							2.00	14	2.6
17																											
18							2.5	2.8	3.0	2.9	3.0			2.5	2.5	2.7	2.8	2.9	2.9			2.6		2.5	2.72	13	3.1
19	2.8		2.3	2.2	2.2	2.2	2.5	3.0	3.4	3.5		3.1	2.9	2.8	2.9	3.2	3.1	3.0	2.7	2.7	3.0	3.7	3.5	3.3	2.90	22	4.5
20	3.3	3.0	3.0	2.8	2.3	2.2	2.5	3.0	3.1	2.9	2.7	2.8	2.7	2.9	3.3	3.5	3.0	3.4	2.9	2.3	2.4	2.4	2.3	2.3	2.77	24	3.8
21	1.8	1.5	1.4	1.4	1.4	1.4	1.6	1.9	2.0	1.9	1.9	1.9	1.9	1.8	1.9	2.2	2.2	2.2	2.0	1.9	1.9	1.8	1.9	1.8	1.81	24	2.3
22*	1.7	1.7	1.5	1.4	1.4	1.4	1.5	1.8	2.0	2.1	2.3	2.2	2.1	2.1	2.2	2.5	2.9	2.9	2.6	2.3	2.4	2.0	2.0	2.1	2.03	24	3.2
23*	2.0	1.8	1.7	1.6	1.6	1.6	1.6	1.6	1.6	1.8	2.0	1.9	1.8	1.8	1.8	1.9	1.8	1.7	1.7	1.7	1.7	1.7	1.7	1.8	1.75	24	2.1
24																											
25																											
26																											
27																											
28																											
29*																											
30*																											
31																											
MEAN	2.6	2.5	2.4	2.2	2.1	2.0	2.1	2.5	2.7	2.7	2.7	2.7	2.6	2.6	2.5	2.8	2.9	3.1	2.9	2.6	2.8	2.8	2.6	2.6	2.58		
NO.	19	19	20	19	19	19	21	20	21	21	20	19	19	18	19	20	19	19	19	18	17	19	18	19		461	
MAX	5.4	4.4	4.6	4.4	4.0	4.4	5.0	6.0	7.4	7.6	7.4	6.5	5.9	5.8	4.7	5.2	6.2	7.1	6.2	5.6	5.7	7.1	5.7	4.9	5.69		9.0

* Indicates Saturday or Sunday
Local standard time used

TABULATED THU., MAR. 16, 1967

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONCENTRATION IN PPM
FLAME IONIZATION ANALYSIS

CHICAGO, ILL.

TOTAL HYDROCARBON
FEB. 1966

DAY OF MONTH	AM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	PM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5 MIN MAX
1																											
2																											
3																											
4																											
5*																											
6*																											
7																											
8																											
9																											
10																											
11																											
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15																											
16																											
17																											
18																											
19*																											
20*																											
21																											
22																											
23																											
24	2.0	1.9	1.8	1.7	1.7	1.7	1.9	2.2	2.2	2.2	2.0	2.0	2.0	2.1	2.1	2.5	2.9	3.4	3.1	4.5	2.4	2.3	2.4	2.9	2.22	24	4.3
25	3.8	2.2	1.9	1.7	1.7	1.7	2.0	2.4	3.1	3.1	2.6	2.5	2.6	2.7	2.7	3.3	3.3	3.4	3.0	2.9	2.9	2.8	2.9	3.3	2.68	24	4.9
26*	2.6	2.2	2.7	2.1	1.9	1.8	1.9	2.0	2.1	2.1	2.2	2.3	2.4	2.5	2.7	2.9	3.3	3.3	3.5	3.5	3.7	3.1	2.8	2.5	2.57	24	3.9
27*	2.2	1.8	1.8	1.7	1.6	1.6	1.6	1.6	1.6	1.6	1.7	2.0	2.1	2.6	3.0	3.7	3.7	2.8	2.4	2.3	2.0	2.1	2.1	2.3	2.16	24	4.0
28	2.0	1.8	2.1	2.1	1.8	1.9	2.1	2.5	2.9	3.1	3.2				4.3	4.6	4.6	4.5	4.1	3.7	3.3	3.0	2.5	2.3	2.96	21	4.9
MEAN	5	5	5	5	5	5	5	5	5	5	5	4	4	4	5	5	5	5	5	5	5	5	5	5		117	
NO.	3.8	2.2	2.7	2.1	1.9	1.9	2.1	2.5	3.1	3.1	3.2	2.5	2.6	2.7	4.3	4.6	4.6	4.5	4.1	3.7	3.7	3.1	2.9	3.3	2.96		4.9
MAX																											

* Indicates Saturday or Sunday
Local standard time used

TABULATED THU., MAR. 16, 1967

CONTINUOUS AIR MONITORING PROGRAM

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

CHICAGO, ILL.

CONCENTRATION IN PPM
FLAME IONIZATION ANALYSIS

TOTAL HYDROCARBON
MARCH 1966

DAY OF MONTH	AM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	PM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5 MIN MAX
1	2.9	2.6	2.1	2.2	2.0	1.9	2.0	2.2	2.3	2.6	2.6	2.7	2.6	2.5	2.5	2.7	2.7	3.0	3.2	2.6	2.6	2.6	2.7	4.0	2.57	24	4.2
2	3.6	2.8	2.3	1.7	1.6	1.8	2.6	4.3	4.8	3.8	3.5	3.3	3.4	3.4	2.9	2.9	3.2	3.8	3.2	2.4	2.0	2.2	2.1	1.8	2.87	24	5.5
3	2.1	2.6	1.8	2.0	1.9	1.8	2.1	3.3	3.8	3.6	2.8	2.8	2.6	2.6	2.6	2.8	2.7	2.6	2.2	1.9	2.1	2.7	3.0	2.2	2.51	24	4.2
4	1.9	1.9		2.0	1.4	1.3	1.3	1.6	1.6	1.5	1.5	1.5	1.5	1.5	1.5	1.7	1.7	1.8	1.8	1.7	1.7	1.8	1.7	2.3	1.63	23	2.8
5*	1.8	1.7	1.5	1.5	1.9	1.4	1.5	1.6	1.7	1.9	2.0	2.1	1.8	2.2	2.3	2.7	2.7	2.5	2.6	2.7	2.1	1.7	1.8	1.9	1.95	24	3.2
6*	2.0	1.7	1.8	1.5	1.4	1.3	1.3	1.3	1.4	1.4	1.4	1.5	1.5	1.5	1.6	1.6	1.7	1.6	1.6	1.6	1.6	1.6	1.7	1.7	1.54	24	2.1
7	1.4	1.5	1.4	1.3	1.3	1.3		2.4	2.7	2.8	2.6	2.6	2.4				3.3	3.6	3.0	2.2	2.1	2.3	2.2	3.7	2.30	20	5.9
8	2.4	1.7	1.3	2.4	2.4	2.0	2.1	2.7	2.5	2.1	2.2	2.0	2.0	2.0	2.1	2.2	2.4	2.5	2.3	2.2	2.1	2.1	2.2	1.9	2.17	24	3.2
9	1.7	2.2	1.8	1.5	1.4	1.4	1.7	2.2	2.3	2.3	2.6	2.2	2.2	2.3	2.4	2.5	2.7	3.0	2.6	2.2	2.4	2.7	2.6	2.1	2.19	24	3.3
10	1.8	1.4	1.5	1.5	1.6	1.9	2.1	2.5	3.1	3.1	2.7	2.6	2.5	2.4	2.6	3.0	3.2	2.9	2.8	2.8	2.5	2.6	2.9	2.7	2.44	24	3.6
11	2.0	1.5	1.4	1.4	1.3	1.4	1.8	3.1	3.5	2.8	2.6	2.1	2.1	2.1	2.6	3.0	3.4	3.5	3.0	3.3	2.4	2.3	2.6	3.2	2.42	24	4.9
12*	3.0	2.3	2.0	1.8	1.6	1.6	2.0	2.1	2.5	2.8	3.0	3.1	3.0	3.1	3.7	4.1	4.0	2.9	2.7	3.0	3.0	2.4	2.3	2.4	2.67	24	4.6
13*	2.2	2.2	1.8	1.6	1.5	1.5	1.5	1.5	1.6	1.7	1.9	1.9	1.9	2.1	2.4		3.0								1.89	16	3.4
14										3.2	2.3	2.2	2.2	2.2	2.5	2.9		3.8	3.0	2.5	2.7	3.0	2.5	1.9	2.62	14	4.5
15	1.6	1.5	1.4	1.4	1.3	1.4	2.3	2.8	3.1	2.9	2.7	2.6	2.6	2.9	3.1	3.4	3.6	3.8	2.9	2.4	2.2	1.7	1.5	1.5	2.34	24	4.1
16	1.5	1.2	1.1	1.1	1.1	1.2	1.5	2.2	2.0	1.8	1.8	2.1	2.2	2.7	3.0	3.3	3.5	3.6	4.2	3.1	2.5	3.1	3.2	2.1	2.28	24	4.6
17	2.1	1.9	1.9	1.9	1.8	1.9	2.8	3.6	3.0	2.9	2.5	2.7	2.6	2.8	2.6	2.7	2.5	2.6	2.4	2.2	2.2	2.0	2.6	1.9	2.42	24	3.9
18	1.8	1.7	1.6	1.6	1.6	1.6	1.6	2.1	2.1	2.0	1.8	1.7	1.7	1.7	1.9	2.0	2.2	2.1	2.1	2.2	2.1	1.8	1.9	2.3	1.87	24	3.6
19*	2.3	1.9	1.7	1.5	1.6	1.5	1.4	1.5	1.6	1.7	1.9	1.8	2.0	1.9	1.9	1.9	2.0	2.0	2.0	2.0	2.1	2.0	2.2	2.6	1.86	24	2.7
20*	2.5	2.2	1.9	1.8	1.8	1.9	2.0	2.0	1.8	1.9	2.0	2.2	2.7	3.1	3.2	3.6	4.0	4.6	4.3	2.9	2.6	2.7	2.8	3.0	2.63	24	6.3
21	2.6	1.8	1.6	1.5	1.6	1.7			3.9	3.7	3.5	3.3	3.2	3.5	3.3			3.0	3.5	3.2	3.4	4.5	8.2	3.0	3.19	20	11.0
22	2.3	2.8	2.6	2.1	2.0	2.3	2.8	4.4	4.1	3.9	3.9	3.4	3.0	3.5	3.6	4.5	4.8	5.1	3.7	3.5	3.6	3.5	3.5	3.0	3.39	24	5.6
23	2.3	2.3	2.0	1.9	1.9	1.8	2.6	3.1	2.8	2.1	2.0	2.0	1.9	1.8	1.8	1.9	2.0	2.0	1.9	1.9	1.9	1.9	1.9	1.7	2.05	24	3.4
24	1.7	1.6	1.5	1.5	1.5	1.5	1.8	2.2	2.3	2.4	2.4	2.3	2.3	2.4	2.5	2.8	2.7	2.9	2.7	2.4	2.4	2.6	2.6	2.2	2.21	24	3.3
25	2.2	2.0	1.9	1.9	1.9	1.9	2.1	2.4	2.5	2.5	2.4	2.4	2.4	2.4	2.5	2.8	2.9	2.8	2.6	2.6	2.9	3.0	2.9	2.7	2.41	24	3.1
26*	2.7	2.2	1.9	1.7	1.6	1.6	1.8	2.2	2.1	2.5	2.6	2.6	3.1	3.5	3.1	2.7	3.0	3.2	3.0	2.7	3.0	2.5	2.5	2.8	2.51	24	3.8
27*	2.4	2.5	2.3	2.1	1.9	2.0	1.9	2.1	2.1	2.0	1.9	2.0	2.0	2.3	2.4	2.5	2.6	2.7	2.5	2.4	2.1	2.0	2.1	1.9	2.20	24	2.9
28	1.8	2.0	2.6	2.3	2.3	2.3	2.3	2.7	2.9	2.5	2.6	2.4	2.4	2.4	2.5			2.6	2.2	2.4	2.7	4.5	3.8	3.4	2.60	22	4.9
29																											
30																											
31		1.4	1.3	1.1	1.2	2.9	3.1	4.0	2.9	2.7	2.3	2.3	2.2	2.1	2.1	2.3	2.5	2.6	2.4	2.3	2.0	1.7	1.5	1.6	2.18	23	4.7
MEAN	2.2	2.0	1.8	1.7	1.6	1.7	2.0	2.5	2.6	2.5	2.4	2.4	2.3	2.4	2.5	2.7	2.9	3.0	2.7	2.5	2.4	2.5	2.6	2.4	2.34		
NO	27	28	27	28	28	28	26	27	28	29	29	29	29	28	28	25	26	28	28	28	28	28	28	28		666	
MAX	3.6	2.8	2.6	2.6	2.6	2.9	3.1	4.4	4.8	3.9	3.9	3.4	3.4	3.5	3.7	4.5	4.8	5.1	4.3	3.5	3.6	4.5	8.2	4.0	3.39		11.0

* Indicates Saturday or Sunday
Local standard time used

TABULATED THU., MAR. 16, 1967

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONCENTRATION IN PPM
FLAME IONIZATION ANALYSIS

CHICAGO, ILL.

TOTAL HYDROCARBON
APRIL 1968

DAY OF MONTH	AM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	PM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5 MIN MAX
1	1.8	1.3	1.2	1.2	1.1	1.1	1.4	2.0	2.7	2.7	2.3	2.2	2.4	2.5	2.6	3.2	4.4	4.4	3.6	2.9	3.2	2.7	2.4	2.3	2.38	24	5.2
2*	2.5		1.8	1.6	1.6	1.6	1.7	1.9	2.7	2.2	2.2	2.2	2.6	2.5	2.2	2.5	2.4	2.7	3.5	3.1	2.6	4.3	2.3	2.7	2.29	23	4.0
3*	2.3	2.6	2.2	2.1	1.7	1.6	1.7	1.6	1.5	1.7	1.8	1.8	2.0	2.1	2.4	2.9	2.7		2.6	2.4		2.4	2.5	2.7	2.13	22	3.2
4			2.0	1.9	2.0	2.0	2.6	3.5	3.6	3.1	2.7	2.8	2.8				2.9	2.9	2.7	2.4	2.6	2.5	2.5	2.3	2.62	19	3.9
5	2.1	2.0	2.1	2.1	1.8	1.9	2.2		2.7	2.5	2.6	2.3	2.2		2.4	2.5	2.6	2.7	2.3	2.1	2.0	2.1	2.1	2.0	2.23	22	2.9
6																											
7																											
8	2.3	2.2	2.9	3.3	2.3	2.5	2.8				2.2	2.4	2.3	2.5	2.4		3.6	2.8		2.5	2.4	2.5	2.4	2.5	2.52	19	7.0
9*	2.6	2.1	2.9	2.1	2.0	2.1	2.2	2.4	2.4					3.1	2.8		2.7	2.8	2.9	2.8		3.1	3.0	3.6	2.62	18	4.9
10*	3.6	3.0			2.4	2.1	2.0	2.0	2.0	2.0	1.9	2.0	2.2		2.9			2.9			2.9	2.6	2.4	2.3	2.40	17	3.8
11																											
12	2.1		1.5	1.4	1.4	1.4	2.2	3.3	3.0	2.9	2.5	2.5	2.6	2.7	3.0		3.6	4.4	3.4	2.3	2.6	2.2	2.1	2.0	2.48	22	4.7
13	1.9	1.7	1.4	1.4	1.3	1.5	2.1	3.3	3.2		2.8	2.6	2.9	3.0	3.0	3.5	3.5		3.0	2.4	2.4	2.7	2.4	2.4	2.46	22	3.9
14		2.1	1.8	1.7	1.5	1.5	2.0	2.7	2.7	2.5	2.6	2.9	2.6	2.4	2.6	3.2	3.6	4.0	3.4		3.8	2.9	4.0	2.7	2.69	22	6.3
15	2.2	1.8	1.6	1.5	1.4	1.7	2.4			2.7	2.3	2.4	2.5	2.6	2.5	3.1	3.8	4.7	3.6	2.9	3.5	3.0	3.2	3.4	2.66	22	4.9
16*																											
17*																											
18												3.6	3.6	4.5	4.6	4.6	4.2	4.9	4.2	4.1	4.1	3.4	3.1	3.0	3.99	13	5.9
19	2.3	1.8	1.5	1.7	1.6	1.8	2.1	2.7	3.5	3.4	2.9	2.4	2.3	2.2		2.8	3.4	3.5	3.2	2.9	2.7	2.6	2.4	2.2	2.91	23	3.8
20	2.6	2.4	2.3	2.0	1.7	2.0	2.2		3.0			3.3	3.0	2.8				6.3	4.5	2.2	3.2	2.8	2.0	1.6	2.77	18	7.6
21	1.4	1.2	1.1	1.1	1.1	4.3			2.9	2.7	2.0	1.9	1.9	1.9	2.3	2.6			3.0	1.8	1.9	2.3		2.9	1.95	19	5.0
22	1.9	1.6	1.3	1.1	1.1	1.1		1.8		2.2	1.9	2.0	2.2		3.0			4.9	2.8	3.0	2.6	2.8	3.4	3.5	2.31	19	5.6
23*	3.2	2.4	1.9	1.4	1.2	1.2	1.5	1.8	2.0	2.3	2.9	3.6	4.2	4.6	4.3	4.4	4.9	4.8	4.4	4.5	5.3	4.3	5.8	8.3	3.53	24	9.7
24*	7.2	3.1		1.8	1.7	1.6	1.6	1.4	1.4	1.5	1.4	1.5		1.8	2.0	2.3	2.9	2.4	2.2	2.2	2.8	3.2	3.5	2.7	2.35	22	9.4
25	1.9	1.8	1.5	1.5	1.4	2.3	5.3	4.1	3.2	2.9	3.3	2.6	2.3	2.5				2.4	2.1	2.1	2.0	2.2	2.0	2.2	2.44	21	6.0
26	2.0	1.8	1.7	1.5	1.5	2.0	2.8	4.0	3.5	3.0	2.6	2.1	2.1	2.6	3.3	2.9	3.3	2.0	1.5	1.7	1.5	1.6	1.4	1.2	2.22	24	5.2
27	0.8	0.7	0.6	0.6	0.6	1.3	2.1	2.3	2.1	2.0	2.0	2.0	2.3	2.6	3.2	3.8	4.9	2.7	2.6	2.1	2.4	1.8	1.9	1.4	2.02	24	6.0
28	1.3	1.3	1.7	1.5	1.6	1.8	2.1	2.3	2.0	1.6	1.8	1.6	1.7	2.0	2.1	2.0	2.1	2.0	1.8	1.9	2.0	2.2	4.6	1.9	1.94	24	9.7
29	2.1	2.3	1.9	1.6	1.4	1.8	3.0	3.1	2.3	2.0	2.1	2.5	2.8	2.8	2.7	2.5	2.2	1.9	1.6	1.7	1.8	1.7	1.8	1.7	2.11	24	3.4
30*	1.8		1.7	2.0	1.6	1.8	2.1	2.3	3.3	2.5	2.6	3.2	3.1	2.4	2.6	3.0	2.7	2.2	2.3	2.3	1.9	2.1	2.5	2.4	2.35	23	4.2
MEAN	2.3	1.9	1.7	1.6	1.5	1.7	2.3	2.5	2.6	2.4	2.3	2.4	2.5	2.7	2.8	3.0	3.3	3.4	2.9	2.5	2.7	2.5	2.7	2.6	2.45		
NO	22	20	22	23	24	24	22	19	21	20	22	24	23	21	21	17	20	22	23	23	23	25	24	25		530	
MAX	7.2	3.1	2.9	3.3	2.4	4.5	5.3	4.1	3.6	3.4	3.3	3.6	4.2	4.6	4.6	4.6	4.9	6.3	4.5	4.5	5.3	4.3	5.8	8.3	3.99		9.7

* Indicates Saturday or Sunday
Local standard time used

TABULATED THU., MAR. 16, 1967

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONCENTRATION IN PPM
FLAME IONIZATION ANALYSIS

CHICAGO, ILL.

TOTAL HYDROCARBON
MAY 1966

DAY OF MONTH	AM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	PM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS	5 MIN MAX
1*	2.4	2.3	2.2	2.1	1.9	1.7	1.7	1.5	1.3	1.4	1.5	1.5	1.7	1.8	2.1	2.4	2.6	2.2	1.8	1.8	1.8	1.7	1.6	1.5	1.83	24	2.8
2	1.3	1.2	1.2	1.2	1.3	2.1	2.7	2.4	2.0	1.9	1.9	2.1	2.3			2.9	2.7		1.9	2.2	2.9	3.0	1.9	4.2	2.15	21	7.8
3	1.4	1.4	1.3	1.1	1.2	2.0	2.7	2.7	2.3	2.1	2.2	2.0	2.2	2.4	2.5	2.4	2.3	2.1	1.6	1.6	1.5	1.6	1.9	3.6	2.00	24	5.6
4	4.1	2.4	2.4	3.0	1.8	1.8	2.1	1.9	1.6	1.7	1.9	2.1	2.2	2.3	1.9	2.4	2.4	2.1	2.0	2.1	2.0	2.0	1.9	1.7	2.15	24	6.0
5	1.3	1.2	1.3	1.3	1.3	1.5	1.9	2.3	2.0	1.9	2.1	2.2	2.4	2.5	2.6	2.8	3.0	2.9	3.1	3.6	3.7	3.3	2.8	2.6	2.31	24	3.8
6	3.4	2.3	2.0	1.9	1.7	2.4	3.5	3.3	3.2	3.1	3.0	2.8	2.6			3.2	3.6	2.8	2.4	2.5	2.3	2.6	2.5	2.2	2.68	22	4.8
7*	1.9	1.5	1.4	1.2	1.2	1.6	3.1	3.5	3.2	3.2	4.0	3.3	3.4	3.0	3.1	3.1	3.3	2.9	2.6	2.6	2.5	2.6	2.9	2.9	2.64	24	4.7
8*	2.4	1.9	1.9	1.3	1.3	1.2	1.3	1.3	1.3	1.5	1.6	1.6	1.7	2.1	2.4	2.2	2.0	1.8	1.6	1.6	1.5	1.5	1.5	1.3	1.63	24	2.9
9	1.2	1.1	1.1	1.1	1.2	1.7	2.6			2.2	2.3	2.2	2.2	2.3	2.6	3.0	3.4	3.5	2.2	2.0	2.0	1.8	1.6	1.6	2.04	22	4.3
10	1.8	1.4	1.3	1.3	1.3	1.8	2.2	2.2	1.9	1.8	2.0	2.2	2.2	2.6	2.9	3.5	3.5	3.4	2.6	2.6	2.6	2.-	1.9	1.6	2.19	24	3.9
11	1.3	1.3	1.3	1.4	1.4	1.4	1.8	1.8	1.8	1.6	1.8	1.8	1.7	2.2	2.3	2.9	3.2	3.6	2.1	2.2	2.5	2.5	3.9	2.4	2.08	24	6.6
12	1.7	1.5	1.5	1.6	1.6	2.3	3.7	3.2	3.5	4.5	2.5	2.6	2.7	3.4	3.6	4.2	3.9	2.5	2.4	2.5	2.7	2.6	2.3	2.1	2.62	24	5.0
13	1.7	1.5	1.4	1.4	1.5	1.7	3.1	2.9	2.6	2.8	2.8	2.7	2.3	3.0	2.9	3.0	4.2	2.5	1.9	2.4	2.3	2.5	3.0	3.0	2.45	24	5.7
14*	2.7	2.7	2.6	1.8	1.8	2.1	2.4	2.4	2.2	2.2	2.5	2.9	2.6	2.6	2.9	2.9	2.7	2.5	2.3	3.3	3.2	3.4	3.9	3.2	2.66	24	4.8
15*	3.3	3.1	3.2	2.9	2.7	2.2	2.3	2.0	1.9	1.8	2.1	2.2	2.1	2.2	2.3	2.5	2.2	2.3	2.3	2.2	2.4	2.1	1.9	1.8	2.32	24	3.5
16	1.8	1.8	1.6	1.6	1.8	2.4	3.6	3.3	3.0	2.8	2.7		3.0	2.9	2.9	3.3	3.1	3.0	3.0	4.3	4.1	4.2	4.6	8.9	3.19	23	11.9
17	5.1	2.7	2.5	2.4	2.4	3.3	3.2	3.8	3.5	3.5	2.4	2.6	2.4	4.1	4.6	3.4	4.8	4.5	3.0	3.4	3.8	4.4	7.1	5.3	3.66	24	11.1
18	7.6	5.0	3.6	2.9	2.5	3.1	4.1	4.1	3.6	2.9	3.1	2.8	3.0	3.6	2.6	2.6	2.5	2.3	1.9	2.0	2.0	2.3	2.1	1.9	3.08	24	14.6
19	1.9	1.6	1.6	1.6	1.6	2.1	2.4	2.5	2.2	1.9	2.1		1.8	1.9	2.1	2.1	2.1	1.9	2.0	2.4	2.3	2.6	2.3	2.2	2.04	23	3.3
20	2.7	1.9	1.7	1.8	1.8	2.1	2.3	2.5	2.3	2.2	2.1	2.2	2.3	2.4	2.6	2.8	3.1	2.9	2.8	2.9	2.9	3.5	4.1	3.1	2.54	24	5.7
21*	3.3	3.3	2.6	2.6	2.4	2.7	2.7	2.8	2.9	2.8	2.6	2.9	2.7	2.9	3.0	2.8	2.6	2.6	2.3	3.9	3.3	2.8	3.5	4.6	2.93	24	5.3
22*																											
23										2.4	2.4	2.6			3.4	4.1	2.7	2.4	2.4	2.0	2.3	2.2	2.6	2.3	2.60	13	6.0
24	1.8	1.5	1.6	1.5	1.6	2.2	2.8	3.1	2.8	2.3	2.0	2.2	2.5	2.4	2.5	2.5	2.7	2.6	2.4	3.9	5.5	5.3	7.0	5.1	2.90	24	11.9
25	4.0	3.4	3.3	3.2	3.2	3.5	3.8	2.8	2.4	2.4	2.2	2.4	2.4			3.1	3.2	3.1	2.8	2.8	2.8	4.5	4.1	5.7	3.22	22	6.5
26	4.8	6.4	7.0	7.3	6.3	9.1	8.4	7.6	3.9	3.0	2.9	2.7	2.5	2.5	2.7	2.8	2.8	2.3	2.3	2.4	2.7	2.5	2.2	4.2	4.20	24	11.4
27	2.2	2.2	2.3	2.2	2.1	2.5	2.6	2.8	2.5	2.4	2.2	2.1	2.1	2.7	3.7	3.3	3.4	2.7	3.2	2.5	2.3	2.3	2.2	2.0	2.51	24	4.4
28*	1.9	3.6	1.5	1.4	1.3	1.4	1.6	1.8	1.9	2.2	2.5	2.8	2.8	3.0	2.7	3.0	2.4	2.5	1.8	2.1	1.9	1.8	2.1	2.0	2.15	24	7.7
29*	1.6	1.5	1.3	1.2	1.1	1.2	1.2	1.3	1.3	1.4	1.5	1.5	1.5	1.7	1.7	1.7	1.8	1.6	1.8	2.5	3.0	2.5	2.3	2.6	1.68	24	3.4
30	2.4	1.4	1.1	1.1	1.1	1.1	1.1	1.1	1.3	1.4	1.4	1.5	1.5	1.6	1.7	1.8	1.6	1.6	1.4	1.3	1.4	1.9	2.1	1.4	1.45	24	2.9
31	1.2	1.0	1.0	1.0	1.1	1.5	2.9	3.0	2.4	2.1	1.8	1.8	1.7				2.6	1.9	1.6	2.2	2.8	3.0	2.6	2.8	1.99	21	6.0
MEAN	2.6	2.2	2.0	1.9	1.8	2.3	2.7	2.7	2.4	2.2	2.3	2.3	2.3	2.6	2.7	2.8	2.9	2.6	2.2	2.5	2.6	2.7	2.9	3.0	2.46		
NO.	29	29	29	29	29	29	29	29	28	30	30	28	29	25	26	29	30	29	30	30	30	30	30	30		695	
MAX	7.6	6.6	7.0	7.3	6.3	9.1	8.4	7.6	3.9	3.5	4.0	3.3	3.4	4.1	4.6	4.2	4.8	4.5	3.2	4.3	5.5	5.3	7.1	8.9	4.20		14.6

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CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
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HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONCENTRATION IN PPM
FLAME IONIZATION ANALYSIS

CHICAGO, ILL.

TOTAL HYDROCARBON
JUNE 1966

DAY OF MONTH	AM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	PM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN MAX
1	1.9	1.6	1.5	1.4	1.3	2.0	2.8	2.5	2.2	1.9	2.[illegible]	2.0	2.0	2.1	2.4	2.8	3.2	2.5	2.1	2.3	2.2	1.9	2.2	2.4	2.12	24	4.0
2	3.2	4.1	5.0	3.6	2.7	3.0	3.2	3.0	2.7	2.4	2.4	2.4	2.4	2.8	2.9	2.8	3.1	2.7	2.6	2.9	2.5	2.8	2.7	2.1	2.91	24	7.6
3	1.6	3.5	2.8	2.2	1.9	2.1	2.5	2.3	2.0	2.6	3.1	2.3	2.2	2.4	2.7	2.9	3.1	2.6	2.5	2.9	3.6	3.8	4.2	2.6	2.67	24	7.4
4*	2.1	3.7	2.0	1.7	1.7	1.8	2.2	2.2	2.3	2.2	2.1	2.2	2.0	1.8	2.0	1.8	1.8	1.9	2.5	2.3	2.6	4.3	2.4	2.2	2.15	24	6.3
5*	2.1	2.1	2.3	1.9	1.9	2.0	1.7	1.7	1.5	1.5	1.4	1.5	1.6	1.7	1.8	1.8	1.7	1.7	1.9	1.7	2.0	2.1	1.9	1.6	1.78	24	2.4
6	1.4	1.4	1.4	1.5	1.4	2.1	3.3	2.7	2.2	2.0			2.2	2.2	2.3	2.4	2.4	1.9	1.7	1.9	2.0	2.0	1.9	2.0	2.00	22	3.4
7	1.9	1.6	1.5	1.5	1.7	5.2	4.8	3.1	2.3	2.2	2.0	2.0		2.0	2.1	2.3	2.9	3.3	3.1	3.0	2.7	2.9	8.5	5.0	2.92	23	13.8
8	2.0	1.5	1.3	1.3	1.3	2.3	3.0	3.0	3.0	3.0	3.0	2.7	3.0	3.1	3.6	4.0	3.9	2.5	2.2	2.4	2.4	2.4	2.4	1.9	2.55	24	4.7
9	1.5	1.4	1.3	1.3	1.6	2.5	3.8	4.2	4.8	4.3	3.3	3.1	3.1	3.5	4.1	4.0	3.5	3.1	2.6	2.5	2.4	2.3	2.0	1.8	2.82	24	5.2
10	1.7	1.5	1.4	1.5	1.6	2.5	3.2	3.0	2.7	2.4	2.2	2.3	2.3	2.7	3.3	3.0	3.0	2.4	2.3	2.6	2.5	2.8	3.3	3.4	2.46	24	4.0
11*	2.5	1.9	1.6	1.4	2.1	1.8	2.0	1.9	1.9	1.9	1.9	2.0	2.0	2.3	2.6	2.4	2.0	1.9	1.8	2.3	2.2	2.3	2.5	2.2	2.06	24	3.1
12*	1.9	1.8	1.9	1.5	1.6	1.7	1.7	1.8	2.1	1.9	1.7	2.1	2.6	1.8	2.2	3.2	3.5	3.7	3.3	3.9	3.7	4.4	3.4	2.5	2.48	24	4.9
13	2.1	3.1	2.1	1.9	2.1	2.7	3.7	3.6	3.3	2.8	2.6	2.5	2.3		3.2	4.5	4.9	3.6	3.3	4.8	4.3	5.1	4.8	7.2	3.49	23	9.8
14	3.6	2.5	1.8	1.7	1.7	1.9	2.7	2.9	2.3	2.0	1.8	1.7	1.8	1.7	1.9	2.1	2.1	1.9	2.3	2.0	2.0	2.1	2.2	2.3	2.11	24	4.7
15	2.1	1.9	2.4	3.0	2.7	4.0	3.8	3.2	3.2	5.2	5.1	4.7	4.1	5.1	6.3	4.8	4.2	5.4	3.8	3.6	3.9	4.3	4.2	3.8	3.93	24	8.1
16	3.3	2.4	2.1	2.1	2.2	2.7	3.8	4.1	4.9	4.8	4.4	3.4	4.1	3.6	3.3	2.7	2.6	2.6	3.6	4.6	4.2	5.0	4.2	5.5	3.57	24	6.2
17	5.4	4.4	3.0	2.7	2.6	3.8	5.4	5.2	4.0	3.6	3.5	2.7	2.7	3.0	3.1	2.7	3.0	2.5	2.5	2.5	2.9	4.0	3.3	4.3	3.43	24	6.3
18*	4.7	4.2	6.4	3.6	4.2	4.3	5.1	4.0	2.6	3.6	3.9	3.4	2.8	2.4	2.4	2.8	3.2	2.8	2.5	2.9	2.8	2.3	3.4	5.6	3.57	24	9.5
19*																											
20																											
21																											
22																											
23																											
24																											
25*																											
26*																											
27																											
28																											
29																											
30																											
MEAN	2.5	2.5	2.3	2.0	2.0	2.7	3.2	3.0	2.8	2.8	2.7	2.5	2.5	2.6	2.9	2.9	3.0	2.7	2.6	2.8	2.8	3.0	3.3	3.2	2.72		
NO	18	18	18	18	18	18	18	18	18	18	17	17	17	17	18	18	18	18	18	18	18	18	18	18		428	
MAX	5.4	4.4	6.4	3.6	4.2	5.2	5.4	5.2	4.9	5.2	5.1	4.7	4.1	5.1	6.3	4.8	4.9	5.4	3.8	4.9	4.3	5.1	8.5	7.2	3.93		13.8

* Indicates Saturday or Sunday
Local standard time used

TABULATED THU., MAR. 16, 1967

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONCENTRATION IN PPM
FLAME IONIZATION ANALYSIS

CHICAGO, ILL.

TOTAL HYDROCARBON
JULY 1966

DAY OF MONTH	AM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	PM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5 MIN MAX
1																											
2*																											
3*																											
4																											
5																											
6																											
7																											
8																											
9*																											
10*																											
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13																											
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21																											
22																											
23*																											
24*																											
25																											
26																											
27											2.4	2.5	2.5	2.9	3.6	2.9	3.2	2.5	2.7	2.8	4.2	4.6	8.8	4.5	3.56	14	14.9
28	3.4	2.5	2.4	2.3	2.3	3.3	4.7	5.1	4.0	3.0	2.8	2.8	3.1	3.4				3.3	4.0	4.7	4.1	4.5	2.8	4.3	3.36	21	10.1
29	2.1	1.8	1.7	1.7	1.8	2.8	4.2	3.8	3.1	2.9			2.7	2.9	4.2	3.8	4.5	3.8	2.8	2.8	3.2	3.4	3.1	3.1	2.99	22	5.9
30*	2.6	2.3	1.9	1.9	1.9	2.2	2.4	2.2	1.9	1.9	2.1	2.6	2.5	2.7	2.7	3.0	3.0	2.7	3.4	4.1					2.49	20	4.8
31*																											
MEAN																											
NO	3	3	3	3	3	3	3	3	3	3	3	3	4	4	3	3	3	4	4	4	3	3	3	3		77	
MAX	3.4	2.5	2.4	2.3	2.3	3.3	4.7	5.1	4.0	3.0	2.8	2.8	3.1	3.4	4.2	3.8	4.5	3.8	4.0	4.7	4.2	4.6	8.8	4.5	3.56		14.9

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TABULATED THU., MAR. 16, 1967

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONCENTRATION IN PPM
FLAME IONIZATION ANALYSIS

CHICAGO, ILL.

TOTAL HYDROCARBON
AUG. 1966

DAY OF MONTH	AM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	PM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5 MIN MAX
1										3.1			2.5	2.6	3.1	2.9	2.8	2.9	2.8	3.4	2.2	4.5	2.5	2.3	2.72	13	4.6
2	1.9	1.6	1.4	1.4	1.6	2.2	3.5	3.2	3.0	2.8	3.0	2.7	2.7	3.1	3.5	3.3	3.0	2.4	2.1	2.0	2.2	2.0	2.0	2.3	2.44	24	5.2
3	3.2	1.5	1.5	1.4	1.6	2.6	3.3	2.9	2.4	2.3	2.4	2.4	2.3	2.7	2.9	2.8	2.5	2.0	1.9	1.9	1.9	1.7	2.0	2.9	2.28	24	8.2
4	4.0	3.2	3.6	3.5	3.3	4.6	5.2	4.5	3.1	3.1	3.0	2.6	2.7		3.1	2.9	3.2	3.3	2.9	2.5	2.4	2.3	3.7	4.3	3.34	23	5.9
5	3.6	6.3	6.7	4.3	4.2	5.0	5.6	5.9	4.7	3.5	3.0	2.7	3.2	3.0	3.8	3.7	3.5	2.7	2.7	3.7	2.6	3.0	5.1	6.9	4.13	24	8.8
6*	5.9	6.1	7.9	5.3	7.0	5.5	6.1	6.2	5.1	4.4	3.5	3.3	3.3	2.9	2.9	2.9	3.0	2.3	2.4				4.5	4.5	4.50	21	8.8
7*																											
8																											
9											2.6	2.3	2.3	3.0	3.3		3.6	2.3	2.8	2.8	2.5	1.8	3.8	4.0	2.92	13	9.0
10	2.7	1.8	1.9	2.1	2.0	3.1	3.5	3.5	3.3	2.7	3.9	3.3	3.5	3.6	4.7	5.1	4.4	3.5	3.0	2.6	2.7	2.4	2.4	2.3	3.08	24	6.6
11	3.8	2.0	1.9	2.3	2.2	3.1	4.6	4.0	2.8	2.5	2.5	2.2	2.3	2.5	3.4	3.4	3.2	2.5	2.7	3.2	2.9	2.3	2.3	2.1	2.77	24	11.7
12	2.1	4.7	4.4	4.0	2.5	3.5	3.5	3.5	3.2	2.7	2.9	3.1	2.8	3.5	3.8	3.9	4.1	3.1	2.7	2.9	2.9	3.1	3.3	3.4	3.31	24	6.9
13*	2.9	2.2	1.8	1.7	1.6	2.0	2.4	2.5	2.2	2.2	2.6	2.4	2.3	2.1	2.5	2.2	2.2	2.0	2.2	2.0	2.2	1.9	2.7	2.8	2.23	24	3.7
14*	2.5	2.2	2.1	2.0	2.1	2.1	2.2	1.9	1.9	1.9	2.1	1.9	2.0	1.9	2.0	2.1	2.5	3.7	3.5	3.7	3.9	3.7	4.2	3.9	2.56	24	5.5
15	3.9	2.9	2.4	2.0	2.4	4.9	9.8	6.5	6.4			2.8	2.8	2.9			3.0	2.7	3.9	2.6	2.3	2.0	1.9	1.8	3.48	20	12.3
16	3.1	1.8	1.6	1.6	1.8	2.6	3.1	3.7	3.6	4.5	3.5	2.8	3.0	3.2	3.4	3.3	3.5	2.0	2.1	2.0	2.0	1.9	2.0	3.2	2.72	24	5.7
17	4.1	3.4	2.7	3.7	3.6	5.3	5.1	4.1	3.7	2.6	3.0	3.0	3.3	3.1	3.5	3.6	3.1	2.4	2.6	3.2	3.1	3.1	2.8	2.1	3.33	24	8.5
18	1.6	1.4	1.5	1.8	2.5	3.0	3.5	3.8	3.0	2.9	3.3	2.8	3.2	3.4	3.7	3.5	4.1	2.6	2.7	2.9	2.9	2.8	2.5	1.9	2.80	24	8.2
19	1.5	1.5	1.4	1.4	1.6	3.0	3.9	3.9	3.6	3.3	3.4	3.0	2.9	3.0	3.8	3.4	3.2	3.3	3.2	3.5	3.4	4.0	2.9	3.3	2.96	24	6.6
20*		2.4	1.9	1.7	1.7	2.2	2.7	2.6	2.5	2.5	2.6	3.1	3.2	3.3	3.4	3.7	3.5	3.0	3.2	3.7	3.9	4.0	4.4	4.0	2.99	23	6.2
21*	3.3	2.3	1.9	2.1	2.2	2.2	2.4	2.5	2.1	2.1	2.2	2.3	2.6	2.5	2.8	3.1	3.4	2.3	2.2	2.5	2.6	3.2	3.2	2.6	2.53	24	5.0
22	2.4	1.8	1.6	1.6	1.6	2.4	2.6	2.8	2.7	2.6		2.2	2.3	2.3	2.4	2.6	2.2	2.0	2.1	2.2	2.5	2.0	1.7	3.0	2.24	23	6.3
23	1.5	1.3	1.4	1.3	1.5	2.2	2.9	2.8	2.5	2.3	2.3	2.0		2.2	3.3	2.9	3.3	2.8	2.4	2.3	2.7		2.5	3.3	2.33	22	6.7
24	2.5	2.1	2.0	1.9	2.0	3.0	3.7	3.4	2.9	2.4		2.2	2.4	2.7	3.2	3.2	2.4	3.0	2.4	2.1	3.0	4.7	3.3	3.3	2.75	23	8.2
25	3.4	2.2		2.2	2.4	3.4	4.6	4.1	3.4	2.3	2.0				2.4	2.4	2.4	2.2	2.5	2.7	3.1	3.7		3.9	2.84	19	6.0
26	3.0	3.4	3.5	3.0	3.3	4.8	6.6	5.6	3.8	3.1	2.4	2.0	2.2		3.4	3.5	3.2	3.1	2.4	3.8	4.4	5.2	6.2	3.5	3.70	23	8.4
27*	2.5	2.6	3.3	2.9	2.0	2.5	3.2	5.7	3.1	2.5	2.1	2.1	2.1	2.2	2.2	2.3	2.1	2.1	2.3	3.8	4.8	4.8	4.4	4.2	2.99	24	9.7
28*	4.6	4.4	4.2	3.0	3.0	3.4	3.5	4.4	2.8	2.2	1.9	1.9	1.8	1.8	2.0	2.2	2.1	2.0	2.5	4.5	3.0	3.2	3.2	2.7	2.83	24	5.4
29	2.1	2.1	2.3	2.4	2.5	3.6	5.1	4.4	3.4		2.6	2.4	2.4	2.7	3.2	3.0	3.0	2.7	2.8	2.7	2.8	3.0	5.5	3.6	3.04	23	9.5
30	3.0	2.9	2.5	3.6	3.8	3.6	5.1	5.1	4.9	3.4	2.7	2.4	2.5	2.8	3.3	3.3	3.0	2.3	2.4	3.3	2.9	2.7	3.0	6.4	3.37	24	11.7
31	2.4	2.1	2.9	3.7	4.6	7.5	7.2	6.7	4.2	3.3	4.6	3.8	3.8	3.9	5.0	5.4	4.0	3.2	3.3	3.3	3.4	3.1	4.0	3.8	4.12	24	10.2
MEAN	3.0	2.7	2.7	2.5	2.6	3.4	4.2	4.1	3.3	2.8	2.8	2.6	2.7	2.8	3.2	3.2	3.1	2.6	2.6	2.9	2.9	3.0	3.3	3.4	3.01		
NO	26	27	26	27	27	27	27	27	27	26	25	27	27	26	28	27	29	29	29	28	28	27	28	29		654	
MAX	5.9	6.3	7.9	5.3	7.0	7.5	9.8	6.7	6.4	4.5	4.6	3.8	3.8	3.9	5.0	5.4	4.4	3.7	3.9	3.8	4.8	5.2	6.2	6.9	4.50		12.3

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TABULATED THU., MAR. 16, 1967

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONCENTRATION IN PPM

FLAME IONIZATION ANALYSIS

CHICAGO, ILL.

TOTAL HYDROCARBON
SEPT. 1966

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS	5 MIN MAX
1	4.3	5.0	5.7	6.2	6.3	8.3	11.1	10.3	9.2	7.1	5.1	4.3	4.0	4.2	5.0	4.2	3.2	2.8	3.4	5.2	6.0	6.1	4.2	5.7	5.69	24	14.5
2	4.6	4.3	4.1	4.1	3.3	4.8	5.2	5.1	4.0	3.3	2.6	2.4	2.6	2.5			2.8	2.7	3.8	3.7	2.9	4.6	4.9	3.3	3.69	22	7.5
3*	2.7	2.4	2.0	2.4	2.0	2.2	3.3	2.6	2.0	2.2	2.1	3.1	2.1	2.0	2.2	2.4	3.4	3.2	3.1	2.9	2.6	4.3	2.8	2.7	2.59	24	6.3
4*	2.5	2.3	1.6	1.5	1.4	1.5	1.6	1.7	1.7	1.9	1.7	1.8	1.8	1.9	2.2	2.2	1.9	1.7	1.9	2.1	2.3	2.0	2.0	1.7	1.87	24	3.1
5																											
6																											
7	1.9	1.7	1.6	1.7	3.8	6.5	6.0	4.3	3.1	2.6	2.5	2.6	2.8	2.8	3.4	3.6	3.6	3.1	2.5	2.9	3.1	3.3	3.2	2.7	3.13	24	8.3
8	2.3	1.8	2.1	2.5	2.6	4.7	6.5	4.5	4.5	3.2	2.9	2.6	2.7	2.7	3.6	3.7	4.1	4.2	4.0	3.3	2.5	2.4	2.6	2.5	3.26	24	8.0
9	2.0	1.9	1.9	3.2	3.1	4.2	5.8	8.2	4.9	3.0	2.7	2.8	2.9	3.2	3.9		5.2	3.9	3.0	2.5	2.4	2.7	2.9	2.4	3.41	23	9.0
10*	3.8	3.8	3.9	4.4	4.3	4.4	5.5	5.4	5.9	5.4	4.4	3.9	3.1	3.2	3.8	5.2	4.5	3.8	3.7	4.5	3.8	3.8	4.8		4.28	23	7.4
11*																											
12																											
13	2.1	2.2	3.7	2.6	2.9	3.3	5.1	6.5	4.6	4.3	3.7	3.3	3.1	3.7	4.8	4.0	3.5	3.0	3.7	4.7	4.4	5.3	2.8	2.6	3.73	24	8.5
14	2.4	2.2	1.8	1.7	1.7	2.6	3.3	3.5	4.7	4.2	3.4	2.5	2.6	2.8	3.6	4.1	4.7	2.7	1.9	1.9	1.9	1.9	1.8	1.7	2.73	24	5.7
15	1.6	1.5	1.4	1.5	1.5	2.2	2.7	3.0	2.6	2.3	2.3	2.2	2.4	2.4	2.7	3.1	3.2	2.8	2.4	2.6	2.2	2.3	2.4	2.0	2.29	24	3.9
16	5.1	6.0	5.3	4.0	3.5	6.0	5.0	5.0	4.3	3.0	2.5	2.4	2.5	3.1	3.2	3.2	3.1	3.0	3.4	5.2	5.3	5.7	5.5	4.8	4.16	24	7.7
17*	3.7	3.0	3.4	2.7	3.5	4.0	4.7	5.7	4.2	2.3	2.4	3.0	3.7	4.4	4.0	4.0	3.6	3.6	3.6	4.7	3.8	3.4	4.0	4.4	3.73	24	11.0
18*	3.8	3.3	2.2	1.9	1.9	2.0	2.4	2.2	1.8	2.1	2.2	2.5	2.8	2.9	3.0	3.4	3.3	3.5	3.4	3.0	3.1	3.1	2.8	2.6	2.70	24	4.9
19	2.2	1.9	1.8	1.8	2.0	3.8	4.9	4.7	3.8	3.9		3.7	3.7	3.6	4.6	4.1	4.7	3.6	3.0	3.1	3.2	2.3	2.1	1.9	3.22	23	6.0
20	1.7	1.6	1.5	1.6	1.6	2.6	3.3	3.6	3.5	2.7	2.6	2.7	2.8	3.1	4.1	3.8	3.9	3.1	2.4	2.3	2.4	2.3	2.2	3.6	2.79	24	12.7
21	1.9	1.7	1.6	1.7	1.7	3.8	3.9	3.6	3.7	3.3	3.2	3.0	3.7	4.2	4.2	4.9	4.2	4.1	2.8	3.9	5.2	4.2	5.7	3.8	3.45	24	12.2
22	2.4	3.0	2.8	1.9	2.2	3.7	4.8	4.4	3.7	3.3	3.2	2.9	2.8	3.0	3.5	3.7	3.3	3.0	2.9	2.8	3.0	2.7	3.3	2.8	3.16	24	6.7
23	2.2	1.9	1.7	2.1	2.2	3.1	4.1	4.6	4.0	3.2	3.0	2.8	3.0	3.1			3.9	3.5	3.5	3.8	3.2	3.5	3.4	3.4	3.13	22	5.5
24*	2.9	3.0	3.2	2.8	2.8	3.5	5.6	4.5	4.7	2.3	3.3	2.9	2.5	2.9	3.8	3.8	3.7	3.1	3.1	3.6	2.8	3.5	2.9	3.3	3.26	24	6.3
25*	2.9	2.7	2.3	2.3	2.3	2.2	2.6	2.9	3.0	2.9	2.9	2.9	2.7	2.7	2.8	3.0	3.3	3.5	3.0	3.0	2.7	2.8	2.7	2.5	2.76	24	4.0
26	1.9	1.7	2.2	7.4	11.7	8.0	7.4	6.2	7.5	5.0	2.9	2.4	2.3	2.4	2.6	3.4	4.0	4.1	3.6	3.9	3.6	2.8	2.4	2.1	4.22	24	12.9
27	1.8	1.8	1.8	1.7	1.8	2.7	3.8	8.6	6.8	4.6	3.9	3.4	2.6	2.9	3.7	3.3	3.1	2.9	2.4	4.6	7.1	8.8	4.3	3.4	3.81	24	14.8
28	2.8	2.6	2.7	2.4	3.3	5.1	5.6	6.5	4.7	3.3	2.5	2.4	2.4	2.5	2.9	2.9	2.7	2.8	2.8	2.6	2.5	2.2	2.0	1.9	3.08	24	7.4
29	1.8	1.8	1.7	1.7	1.7	2.1	2.7	2.9	2.5	2.3	2.1	2.2	2.3	2.3	2.6	2.9	3.2	3.1	2.6	2.7	2.7	2.5	2.7	3.8	2.45	24	6.2
30	2.3	2.0	2.1	2.2	2.2	2.7	3.6	4.1	3.8	3.3	3.0	2.4	3.0	3.3	3.1	3.4	3.9	4.0	3.7	4.3	4.5	4.1	4.4	4.2	3.30	24	5.4
MEAN	2.7	2.6	2.5	2.7	3.0	3.8	4.6	4.8	4.1	3.3	2.9	2.8	2.8	3.0	3.5	3.6	3.6	3.3	3.1	3.4	3.4	3.6	3.3	3.1	3.30		
NO	26	26	26	26	26	26	26	26	26	26	25	26	26	26	24	23	26	26	26	26	26	26	26	25		617	
MAX	5.1	6.0	5.7	7.4	11.7	8.3	11.1	10.3	9.2	7.1	5.1	4.3	4.0	4.4	5.0	5.2	5.2	4.2	4.0	5.2	7.1	8.8	5.7	5.7	5.69		14.8

* Indicates Saturday or Sunday
Local standard time used

TABULATED: THU., MAY 4, 1967

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONCENTRATION IN PPM

FLAME IONIZATION ANALYSIS

CHICAGO, ILL.

TOTAL HYDROCARBON
OCT. 1966

DAY OF MONTH	A M												P M												DAILY MEAN	NO OF HRS	5-MIN MAX
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12			
1*	3.6	2.9	2.3	2.3	2.3	2.5	3.1	3.3	3.5	3.0	3.2	3.5	3.1	3.1	3.1	2.9	2.8	2.8	2.7	3.8	3.7	3.8	4.3	4.3	3.15	24	5.2
2*	3.7	3.6	3.8	2.7	2.4	2.3	2.3	2.2	2.2	2.1	2.0	2.1	2.2	2.2	2.4	2.4	2.4	2.5	2.7	2.7	2.4	2.3	2.4	2.3	2.50	24	4.1
3	2.1	2.1	2.0	2.1	2.1	2.7	3.1	3.5	3.1	2.9		2.6	2.7	2.6	2.6	2.9	3.0	2.9	2.5	2.7	4.6	2.7	2.5	2.2	2.68	23	6.3
4	2.2	2.0	1.8	1.8	1.8	2.1	2.4	2.7	2.5	2.4	2.4	2.3	2.2	2.4	2.5	2.7	2.7	2.5	2.4	2.4	2.3	2.6	2.9	2.8	2.33	24	5.1
5	2.1	2.0	2.0	2.0	2.2	3.5	5.1	4.0	3.7	3.3	3.3	3.4	3.2	3.4	3.7	4.3	4.2	3.7	3.5	3.6	3.5	3.6	3.9	3.5	3.34	24	6.9
6	3.7	3.3	3.4	6.2	5.7	4.5	3.7	3.7	3.0	2.6	2.7	2.6	2.5	2.7	2.9	3.0	3.0	3.3	3.8	3.1	2.9	3.2	3.4	3.4	3.41	24	7.9
7	2.6	2.5	2.5	2.8	2.7	3.0	3.3	3.3	3.0	3.0	2.7	2.8	2.7	2.7	2.8	3.0	2.9	3.2	3.2	2.8	2.5	2.4	2.7	2.4	2.79	24	4.1
8*	2.1	2.1	2.1	2.0	2.0	2.3	2.4	2.4	2.4	2.4	2.7	2.6	2.7	3.0	2.5	2.4	2.5	3.2	3.1	2.6	2.2	2.2	2.4	2.2	2.44	24	3.9
9*	2.1	2.0	2.0	2.0	2.0	2.1	2.2	2.1	2.0	2.1	2.2	2.1	2.2	2.2	2.5	2.5	3.0	2.7	2.8	3.2	2.8	2.4	2.3	2.0	2.30	24	3.8
10	1.9	1.9	1.8	1.9	1.9	2.6	3.1	3.2	2.9	2.5		2.4	2.1	2.3	2.8	2.4	2.5	2.3	2.2	2.2	2.2	2.1	2.6	2.1	2.34	23	3.6
11	2.5	2.4	2.0	1.9	2.0	2.4	3.2	3.5	3.1	2.6	2.4	2.2	2.3	2.4	2.6	3.0	2.8	2.7	3.1	3.3	3.7	3.7	3.9	3.7	2.80	24	6.0
12	4.6	2.7	2.5	3.0	4.2	7.0	8.8	4.8	3.8	2.8	2.7	2.9	4.1	4.9	6.1	5.4	5.2	4.3	4.2	4.0	3.2	3.0	2.7	3.0	4.15	24	11.6
13	3.0	2.3	2.1	2.1	2.2	2.7	3.5	3.8	4.1	4.3	4.5	4.5	3.4	3.7	4.7	5.6	6.3	6.2	5.9	3.8	3.3	3.4	3.5	4.2	3.87	24	9.7
14	2.6	2.3	2.3	2.1	2.3	2.6	3.6	3.6	3.2	3.3	3.3	3.3		3.4	3.6	3.7	2.9		2.8	3.0	2.5	2.4	2.5	2.1	2.88	22	4.4
15*	2.1	2.1	1.8	1.9	1.8	1.8	1.9	1.9	1.9	2.0	2.0	2.4	2.0	2.0	2.1	2.2	2.1	2.1	1.9	2.0	1.8	2.0	2.1	2.2	1.98	24	3.0
16*	2.0	1.8	1.8	1.7	1.8	1.8	1.9	2.0	2.1	2.1	2.1	2.1	2.2	2.1	2.1	2.6	2.3	2.3	2.3	2.1	2.0	2.0	2.0	2.8	2.08	24	6.0
17	1.9	1.8	1.7	1.8	1.9	2.3	2.9	3.4	3.0	2.7	2.5	2.6	2.6	3.3	4.1	5.0	3.7	3.4	2.8	3.0	2.5	3.5	3.3	2.6	2.83	24	5.3
18	2.3	2.5	2.8	2.4	2.5	3.3	4.3	4.3	3.3	3.0	3.4	2.9	2.4	2.3	3.1	3.2	3.6	3.3	2.7	2.7	2.6	2.9	2.9	3.4	2.99	24	5.0
19	3.3	2.5	2.4	2.0	2.1	2.4	3.3	3.1	3.1	3.3	3.6	3.3	3.3	4.0	4.2	4.9	4.9	4.3	3.6	3.8	3.4	3.4	3.1	2.9	3.33	24	5.6
20	4.2	3.1	2.7	2.5	3.9	5.3	7.1	6.6	5.8	4.0	3.0	2.5	2.4	2.6	2.8	3.1	3.2	3.6	3.7	3.3	2.9	2.7	3.2	3.3	3.62	24	8.3
21	3.9	2.1	2.0	2.0	2.2	2.7	3.4	3.6	3.3	3.0	2.7	2.5	2.5	2.6		3.1	2.9	2.7	2.5	2.3	2.4	2.5	2.4	2.4	2.67	23	5.5
22*	2.2	2.2	2.0	1.9	1.9	2.1	2.2	2.3	2.4	2.2	2.2	2.2	2.2	2.6	2.3	2.3	2.3	2.3	2.5	2.4	2.3	2.5	2.9	2.8	2.29	24	3.7
23*	2.4	2.3	2.5	2.5	2.5	2.7	2.8	2.5	2.4	2.4	2.2	2.1	2.1	2.0	2.1	2.2	2.8	2.7	3.1	3.1	2.7	2.8	2.8	2.4	2.49	24	3.4
24	2.4	2.8	3.5	2.9	2.6	3.1	4.6	6.4	6.3	4.0	3.4	3.4	3.0	2.9		3.8	3.6	4.0	3.6	3.3	3.4	2.9	2.9	2.3	3.49	23	7.2
25	2.3	2.1	2.8	3.3	3.1	4.0	4.8	4.4	6.4	6.9	3.7	2.7	2.8	2.7	3.2	3.8	3.9	3.7	2.7	2.9	2.5	4.1	7.2	6.9	3.86	24	8.5
26	4.4	4.7	4.2	3.9	3.8	5.4	7.4	6.0	5.2	4.4	3.5	3.0	3.2	3.3	3.4	3.8	3.7	4.5	4.9	4.6	5.8	5.4	7.1	4.4	4.58	24	11.4
27	4.5	2.7	2.3	2.1	2.3	3.3	3.7	3.4	3.1	2.6	2.6	2.5	2.8	2.8	3.0	3.4	4.1	4.0	3.6	3.9	3.0	3.9	2.4	2.5	3.08	24	6.5
28	2.3	2.7	2.2	2.2	2.2	2.7	3.5	3.9	3.7	3.0	3.0	3.0	3.1	3.7	5.6	5.2	4.7	4.1	3.7	3.2	3.6	3.1	3.5	4.1	3.40	24	6.7
29*	3.1	2.5	2.2	2.0	2.0	2.2	2.4	2.7	2.8	2.9	3.0	3.6	3.2	3.2	3.1	3.4	2.9	2.9	2.6	3.3	2.7	2.6	2.8	2.9	2.78	24	4.2
30*	2.7	2.2	3.4	3.2	3.1	3.3	3.1	2.6	2.4	2.4	2.3	2.1	2.0	2.2	2.3	2.4	2.5	2.5	2.2	2.2	2.2	2.1	2.1	2.0	2.48	24	4.4
31	2.1	2.0	2.2	2.4	2.4	2.8	3.0	3.3	3.3	2.8			2.3	2.3	2.5	2.6	3.1	3.3	3.0	2.8	2.7	2.6	2.4	2.4	2.61	22	4.1
MEAN	2.8	2.4	2.4	2.4	2.5	3.0	3.6	3.5	3.3	3.0	2.8	2.7	2.6	2.8	3.1	3.3	3.3	3.2	3.1	3.0	2.9	2.9	3.1	3.0	2.95		
NO	31	31	31	31	31	31	31	31	31	31	28	30	30	30	29	31	31	31	31	31	31	31	31	31		736	
MAX	4.6	4.7	4.2	6.2	5.7	7.0	8.8	6.6	6.4	6.9	4.5	4.5	4.1	4.9	6.1	5.6	6.3	6.2	5.9	4.6	5.8	5.4	7.2	6.9	4.58		11.6

* Indicates Saturday or Sunday
Local standard time used

TABULATED THU., MAY 4, 1967

CONTINUOUS AIR MONITORING PROGRAM

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

CHICAGO, ILL.

CONCENTRATION IN PPM

FLAME IONIZATION ANALYSIS

TOTAL HYDROCARBON
NOV. 1966

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS.	5 MIN. MAX.
1	2.4	2.3	3.0	2.2	2.2	2.1	2.7	3.4	3.5	3.3	3.0	3.0	3.1	3.1	3.3	3.9	4.1	4.1	3.6	3.1	2.9	3.0	2.9	2.8	3.04	24	4.7
2	3.4	2.4	2.2	2.2	2.2	2.3	3.1	4.1	3.7	3.7	2.9	2.6	2.7	2.9	3.0	3.7	3.6	3.9	3.1						3.02	19	4.9
3												2.9	2.5	2.8	2.8	2.7	3.0	2.8	2.5	2.4	2.5	2.5	2.4	2.3	2.61	13	3.4
4	2.7	3.0	2.5	2.1	2.1	2.1	2.6	2.9	2.7	2.7	2.5	2.4	2.4	2.4	2.5	3.4	3.7	3.8	3.5	3.2	2.9	3.3	2.9	2.9	2.79	24	7.0
5*	2.8	3.8	3.2	2.4	2.3	2.1	2.3	2.5	2.4	2.5	2.4	2.6	3.0	2.3	2.3	2.5	2.9	2.8	2.8	3.2	3.2	3.7	3.0	3.1	2.75	24	5.2
6*	3.0	2.5	2.1	2.1	2.3	2.8	2.6	2.6	2.2	2.1	2.1	2.0	2.1	2.3	2.3	2.5	2.6	2.3	2.5	2.2	2.2	2.3	2.4	2.7	2.36	24	3.7
7	2.5	2.2	2.3	2.3	2.1	2.1	2.6	3.9	4.1	3.5	3.0	2.9	3.1	3.2	3.1	3.5	4.1	4.3	3.7	3.1	2.8	2.8	2.5	2.2	2.98	24	4.8
8	3.6	3.7	2.3	2.3	2.3	2.5	3.7	4.0	3.9	4.0	3.4	3.4	3.7	4.2	4.5	5.0	5.4	4.4	3.8	3.3	3.7	3.8	4.5	3.1	3.67	24	7.9
9	2.8	2.7	2.8	2.7	3.2	3.6	4.2	4.9	4.0	3.9	4.1	3.6	4.3	5.1	5.0	4.5	5.4	5.7	4.4	4.2	3.9	3.5	3.3	2.8	3.93	24	7.7
10	2.3	2.2	2.0	2.0	2.0	2.0	2.3	2.6	3.1	3.0	2.7	2.7	2.5	2.9	2.6	3.0	3.0	2.9	2.8	2.6	2.4	2.4	2.3	2.9	2.52	24	4.4
11	4.3	3.1	2.4	3.0	2.6	2.6	4.0	4.4	4.7	3.9	3.2	3.1	2.9	3.0	3.1	3.6	3.8	4.2	4.4	4.0	3.1	3.4	2.9	2.8	3.42	24	8.8
12*	3.7	3.1	2.6	2.2	2.1	2.1	2.2	2.4	2.7	2.5	2.7	2.8	3.0	3.2	2.8	3.1	3.4	3.0	2.8	2.7	3.3	2.7	3.2	4.3	2.85	24	6.1
13*	4.4	4.6	4.1	2.4	2.7	2.7	4.0	3.3	3.0	2.8	2.3	2.5	2.5	2.4	2.7	2.8	3.1	3.2	3.3	3.0	2.6	2.7	2.9	2.6	3.00	24	5.8
14	3.2	3.2	2.7	2.4	2.3	2.5	3.5	4.8	4.9	4.5	3.9	3.3	3.2	3.0	3.0		4.2	4.2	4.1	3.3	3.4	4.0	3.4	2.7	3.45	23	6.1
15	2.6	2.2	2.0	2.1	3.5	2.7	3.0	3.8	4.0	3.8	3.5	3.5	3.3	3.2	3.0	3.2	4.0	4.4	3.8	3.4	3.2	3.1	2.9	3.8	3.23	24	6.9
16	2.4	2.3	2.3	2.1	2.1	2.1	2.6	3.4	3.4	3.0	2.8	2.8			3.2	3.3	4.0	4.7	3.6	3.0	2.9	2.6	2.8	2.8	2.91	22	5.0
17	2.6	2.5	2.4	2.3	2.2	2.3	2.6	3.2	3.3	3.0	2.9	2.7	2.8	2.8	3.1	3.4	3.8	4.0	3.7	3.3	3.6	3.3	2.9	2.9	2.98	24	4.6
18	2.9	4.4	2.7	2.4	2.3	2.2	2.6	3.0	3.3	2.8	2.9	2.8	2.7	3.0	3.0		3.9	3.9	3.4	3.1	3.0	3.2	3.2	3.3	3.03	23	7.8
19*	3.1	4.0	2.7	2.4	2.4	2.5	3.1	3.8	3.7	4.2	4.0	4.3	3.5	3.6	3.5	3.5	3.4	3.2	2.6	2.7	2.9	3.3	2.7	3.0	3.24	24	7.7
20*	2.7	2.8	2.5	2.5	2.4	2.2	2.3	2.4	2.5	2.3	3.0	3.0	3.3	3.2	2.8	3.1	3.0	3.1	2.7	2.6	2.2	2.2	2.3	2.4	2.63	24	5.0
21	2.9	2.7	2.6	2.4	2.0	2.0	2.7	4.4	6.0	4.2	3.2		3.3	2.6	3.0	3.0	2.6	3.3	2.7	3.2	3.4	2.8	2.8	2.5	3.03	23	7.0
22	2.9	2.5	2.3	2.2	2.2	2.3	2.6	3.2	3.5	3.5	3.2	3.1	3.1	3.1	3.0	3.6	3.5	3.4	3.1	3.0	2.9	2.9	2.8	3.0	2.95	24	5.3
23	4.0	2.4	2.3	2.2	2.1	2.2	2.6	3.1	3.2	2.9	2.9	3.1	3.3	3.6	3.6	4.0	4.3	4.0	3.2	2.7	2.7	2.5	2.5	2.4	2.99	24	7.6
24	4.1	4.8	2.4	2.4	2.3	2.4	2.4	2.7	2.7	2.4	2.4	2.3	2.3	2.4	2.5	2.8	2.6	2.6	2.9	2.6	2.9	2.5	2.5	2.4	2.66	24	10.7
25	2.2	2.3	2.3	2.4	2.1	2.2	2.3	2.6	2.8	2.6	2.6	2.7	2.8	2.8	2.8	3.2	3.7	3.3	3.0	3.4	3.3	2.7	3.0	3.4	2.76	24	6.8
26*	3.3	4.2	4.0	3.1	2.5	2.5	2.6	3.5	3.7	3.7	3.3	3.4	3.5	3.9	2.9	3.7	3.9	3.8	4.2	3.4	5.7	5.1	4.0	3.4	3.62	24	8.0
27*	3.7	5.1	2.7	2.8	2.9	3.3	2.7	2.3	2.4	2.4	2.3	2.4	2.6	2.9	3.0	2.9	3.4	3.0	2.8	2.6	2.3	2.3	2.4	2.3	2.80	24	13.2
28	2.1	2.0	1.9	1.9	1.9	1.9	2.6	3.2	3.1	3.0	2.8	2.9	2.8	2.8			3.7	3.5	2.8	2.7	2.5	2.6	2.2	2.2	2.59	22	4.6
29	2.0	2.1	1.9	1.8	1.9	1.9	2.4	3.1	3.3	2.9	2.9	2.9	2.7	2.8	3.2	3.1	3.8	4.0	2.9	2.9	2.8	2.7	2.5	2.9	2.69	24	5.1
30	3.2	2.0	2.0	1.9	1.9	1.9	2.5	3.2	3.3	3.2	3.0	3.2	2.7	3.0	2.9	3.2	3.0	3.5	3.2						2.78	19	4.9
MEAN	3.0	3.0	2.5	2.3	2.3	2.3	2.8	3.3	3.4	3.2	3.0	2.9	2.9	3.0	3.0	3.3	3.6	3.6	3.3	3.0	3.0	3.0	2.8	2.8	2.98		
NO.	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	27	30	30	30	28	28	28	28	28		692	
MAX	4.4	5.1	4.1	3.1	3.5	3.6	4.2	4.9	6.0	4.5	4.1	4.3	4.3	5.1	5.0	5.0	5.4	5.7	4.4	4.2	5.7	5.1	4.5	4.3	3.93		13.2

* Indicates Saturday or Sunday
Local standard time used

TABULATED: THU., MAY 4, 1967

CONTINUOUS AIR MONITORING PROGRAM

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

CHICAGO, ILL.

CONCENTRATION IN PPM
FLAME IONIZATION ANALYSIS

TOTAL HYDROCARBON
DEC. 1966

DAY OF MONTH	AM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	PM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN MAX
1																											
2	3.0	2.5	2.8	2.2	2.1	2.2	2.4	2.8	2.9			2.7	2.7	2.9	3.0	3.3	3.4	3.4	3.1	2.9	3.0	3.2	3.0	3.0	2.83	22	4.6
3*	2.9	2.9	2.3	2.7	2.7	2.1	2.5	3.0	2.8	3.1	3.1	3.0	3.5	3.0	3.2	3.4	4.0	3.3	3.8	3.4	3.6	3.2	3.0	2.9	3.03	24	5.8
4*	2.9	2.3	2.5	2.5	2.3	2.2	2.4	2.3	2.5	2.0	2.1	2.4	2.2	2.4	2.7	3.0	2.7	2.7	2.6	2.4	2.3	2.2	2.2	2.2	2.41	24	3.5
5	2.3	2.1	2.1	2.1	2.2	2.2	3.0	3.7	4.1	4.3	3.3	3.0	2.7	2.7	3.3	4.0		5.0	4.9	2.7	3.4	2.8	2.5	2.4	3.07	23	6.5
6	2.2	2.2	2.2	2.2	2.2	2.4	2.6	3.2	3.4	3.3	3.3	3.2	3.0	3.1	3.1	3.1	3.2	2.9	2.6	2.4	3.0	4.0	3.0	3.2	2.86	24	6.9
7	2.8	2.3	2.0	2.1	2.2	2.1	3.3	4.3	3.8	4.2	3.8	4.0	4.4	4.4	4.2	4.5	5.2	5.2	4.2	3.4	3.5	3.4	3.2	3.3	3.55	24	6.6
8	2.8	2.7	3.2	2.4	2.1	2.2	2.3	3.1	3.7	4.2	3.7	3.0	3.1	2.9	3.0	3.0	2.9	2.7	2.5	2.4	2.3	2.2	3.3	2.8	2.83	24	8.1
9	2.1	2.5	1.9	2.0	2.0	2.0	2.7	3.3	3.6	3.7	3.4	3.3	3.2	3.5	3.7	4.2	4.3	4.2	3.2	2.6	2.9	2.9	2.7	3.0	3.02	24	5.4
10*	2.5	2.1	2.0	2.1	2.0	2.0	2.1	2.5	2.7	2.8	2.8	3.3	3.4	3.5	3.3	3.4	3.3	3.0	3.1	2.8	3.1	4.5	2.5	2.7	2.72	24	4.3
11*	2.6	2.3	2.3	2.1	2.0	1.9	2.0	2.0	2.1	2.1	2.2	2.3	2.3	2.7	3.0	2.9	3.1	3.0	3.0	3.2	3.4	3.1	2.8	3.0	2.55	24	4.3
12	2.6	2.7	2.7	2.6	2.6	4.5	2.6	3.2	3.3	3.3	3.0	2.9	3.3	2.7	3.0		4.3	3.9	3.3	2.9	2.8	2.7	2.5	2.5	2.94	23	6.6
13	2.9	4.5	2.3	2.2	2.1	2.0	2.4	2.8	2.8	2.9	2.8	3.0	3.0		3.1	3.4	3.4	3.2	3.0	3.0	2.8	2.5	2.4	2.3	2.79	23	8.4
14	3.4	2.0	2.0	2.0	2.1	2.1	3.4	3.1	4.1	3.2		3.4	3.0	3.2	3.0	4.2	4.4	4.4	4.0	3.8	3.6	3.8	3.1	3.0	3.21	23	6.8
15	2.8	2.5	2.6	2.8	2.6	2.5	3.1	4.2	4.5	3.9			3.8	3.4	3.5	3.5	4.0	3.4	2.8	2.7	2.9	3.0	2.9	4.0	3.23	22	7.8
16	3.3	2.5	2.1							2.5	2.5	2.5		2.4				3.2	2.9	2.4	2.3	2.2	2.1	2.2	2.51	14	6.1
17*	2.6	2.0	3.0	1.9	1.8	1.8	1.9	2.1	2.4	2.5	2.5	2.7	2.6	2.8	3.2	2.8	2.9	3.1	3.2	3.2	3.5	3.3	3.4	3.0	2.66	24	4.8
18*	2.9	2.4	2.4	2.1	2.1	2.0	2.1	2.5	2.6	2.2	2.3	2.3	2.6	2.7	3.0	3.1	3.2	3.0	3.2	3.5	3.2	3.0	2.3	2.2	2.62	24	4.6
19	2.0	2.0	1.8	1.7	1.7	1.7	2.1	2.5	3.0	3.1	3.1	3.3	3.2	2.3	3.3	4.5	3.9	3.8	2.8	2.6	2.7	2.8	2.6	2.4	2.68	24	5.2
20	2.9	2.0	1.8	1.9	1.8	1.9	2.5	3.5	3.4	3.5	3.2	3.2	3.0	3.1	3.1	3.7	3.5	3.4	2.9	2.7	2.8	2.3	2.4	2.4	2.78	24	3.1
21	3.2	2.8	2.3	2.2	2.2	2.8	3.3	4.3	3.6	2.8	2.9	2.7	3.2	3.5	4.2	4.3	5.3	5.6	4.1	3.7	4.0	3.3	3.0	2.7	3.40	24	6.9
22	3.1	2.3	2.1	2.0	2.0	2.1	2.7	3.8	3.9	3.6	3.3	3.3	3.5	3.2	3.9	4.7	4.7	4.1	3.6	3.3	3.5	3.0	3.1	2.8	3.22	24	6.8
23	3.5	2.4	2.1	2.1	2.1	2.1	2.6	3.2	3.6	3.5	3.7	3.5	4.2	3.8	4.5	4.6	4.3	3.3	3.1	3.3	3.6	3.4	2.9	2.7	3.24	24	6.5
24*	2.9	2.6	4.3	2.2	2.3	2.2	2.3	2.4	2.6	2.6	2.4	2.3	2.2	3.0	2.4	2.4	2.4	2.4	2.3	2.2	2.1	2.1	2.1	2.2	2.44	24	10.4
25*	2.1	2.1	2.0	1.9	1.9	1.9	1.9	2.0	2.0	2.0	2.0	1.9	2.0	2.0	2.1	2.2	2.2	2.3	2.8	2.7	2.9	2.5	2.8	2.7	2.19	24	3.4
26	2.5	2.2	2.2	2.1	2.2	2.2	2.2	2.3	2.4	2.2	2.1	2.2	2.2	2.3	2.3	2.8	2.7	3.5	3.2	3.1	3.0	2.7	2.7	2.8	2.48	24	7.2
27	2.6	2.5	2.2	2.5	2.5	2.7	3.2	4.4	5.7	5.7		4.0	3.6	3.1	3.0	4.0	4.6	3.9	3.4	3.0	3.1	2.8	2.7	3.0	3.39	23	6.4
28	2.2	2.0	1.9	1.8	1.8	1.8	2.7	2.6	2.3	2.4	2.4	3.3	3.1	2.7	2.6	2.6	2.6	2.4	2.2	2.1	2.0	2.0	2.1	2.2	2.31	24	5.2
29	2.4	1.9	1.8	1.7	1.8	1.8	2.0	2.3	2.5	2.6	2.7	2.5	2.4	2.6	2.5	3.0	3.0	3.1	2.8	2.5	2.5	2.3	2.5	2.5	2.39	24	4.1
30	2.4	3.7	2.6	2.4	2.5	4.4	3.4	3.8	3.7	3.0	2.8	2.7	2.6	2.8	3.4	4.0	3.9	3.5	3.7	3.4	3.2	3.0	2.9	3.5	3.12	24	5.8
31*	3.4	2.9	2.6	3.4	2.3	2.0	2.2	2.8	2.9	2.8	2.8	3.5	4.6	2.6	2.6	2.8	3.2	2.5	2.4	2.3	2.4	2.3	2.3	2.3	2.73	24	13.4
MEAN	2.7	2.5	2.3	2.2	2.1	2.1	2.5	3.0	3.2	3.1	2.8	2.9	3.0	2.9	3.1	3.5	3.6	3.4	3.2	2.9	3.0	2.8	2.7	2.7	2.84		
NO	30	30	30	29	29	29	29	29	29	29	26	29	29	29	29	28	28	30	30	30	30	30	30	30		701	
MAX	3.5	4.5	4.3	3.4	2.6	2.8	3.4	4.4	5.7	5.7	3.8	4.0	4.6	4.4	4.5	4.7	5.3	5.6	4.9	3.8	4.0	4.0	3.4	4.0	3.55		13.4

* Indicates Saturday or Sunday
Local standard time used

TABULATED THU., MAR. 16, 1967

CONTINUOUS AIR MONITORING PROGRAM

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

CHICAGO, ILL.

CONCENTRATION IN PPM
POTASSIUM IODIDE ANALYSIS

TOTAL OXIDANT
JAN. 1966

DAY OF MONTH	AM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	PM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS	5 MIN MAX
1*	.01	.01		.00	.01	.00	.00	.00	.00	.01	.01	.01	.01	.01			.01	.01		.01	.01	.01	.01	.01	.007	20	.03
2*	.00	.01			.01	.01	.01	.01	.01	.01	.01	.01		.01			.01	.01	.00	.00	.00	.00	.00	.00	.006	18	.02
3	.01	.01			.01	.00	.00	.00	.00	.00	.00	.00	.00				.01	.00	.00	.00	.00	.00	.00	.00	.002	19	.02
4	.00	.00			.00	.00	.00	.00	.00	.00	.00	.01	.00	.00				.01	.01	.01	.00	.00	.00	.00	.002	19	.03
5	.01	.00		.00	.00	.01	.01	.01	.00	.01	.01	.01	.01	.01	.01	.02	.02	.02	.01	.01	.02	.01	.01	.01	.009	23	.05
6	.01	.01		.00	.00	.00	.00	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.001	23	.02
7	.00	.00		.01	.01	.00	.00	.00	.00	.00	.00		.00	.00			.00	.00	.00	.00	.00	.00	.00	.00	.001	20	.01
8*	.00	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00					.00	.00			.00	.00	.000	17	.00
9*																											
10																											
11																											
12			.00	.02	.01	.00			.02	.01	.00	.00	.00	.01					.00	.00	.00	.00	.00	.00	.005	16	.03
13																											
14	.00			.00	.00	.00		.00	.00	.00	.00	.00	.00	.00									.00	.00	.001	13	.01
15*																											
16*																											
17																											
18																											
19																											
20	.00	.00		.00	.00	.00	.01	.01	.01	.02	.02	.03	.02			.03	.02	.03	.03	.03	.03	.02	.03	.02	.016	21	.06
21	.02	.02		.02	.02	.02	.02	.02	.02	.01	.02	.01	.02	.01			.02	.01	.02	.02	.02	.02	.01	.01	.016	21	.07
22*	.01	.01		.01	.01	.01	.01	.01	.02	.02	.02	.02	.03	.02			.03	.03	.03	.02	.02	.01	.01	.01	.017	21	.06
23*	.01	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00			.00	.00			.00	.00	.00	.00	.001	19	.02
24																											
25																											
26																											
27																											
28																											
29*	.00	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.000	23	.00
30*	.00	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.000	23	.00
31	.00	.00		.00	.00	.00	.00					.00						.00	.00	.00	.00	.00	.00	.00	.000	14	.00
MEAN	.00				.00	.00			.00	.01	.01	.01											.00	.00			
NO.	16	15	1	14	17	17	15	15	16	16	16	16	15	14	4	5	12	14	14	15	15	15	17	17		331	
MAX	.02	.02	.00	.02	.02	.02	.02	.02	.02	.02	.02	.03	.03	.02	.01	.03	.03	.03	.03	.03	.03	.02	.03	.02	.017		.07

* Indicates Saturday or Sunday
Local standard time used

TABULATED THU., MAR. 16, 1967

CONTINUOUS AIR MONITORING PROGRAM

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

CHICAGO, ILL.

CONCENTRATION IN PPM

POTASSIUM IODIDE ANALYSIS

TOTAL OXIDANT
FEB. 1966

DAY OF MONTH	AM 12-1	AM 1-2	AM 2-3	AM 3-4	AM 4-5	AM 5-6	AM 6-7	AM 7-8	AM 8-9	AM 9-10	AM 10-11	AM 11-12	PM 12-1	PM 1-2	PM 2-3	PM 3-4	PM 4-5	PM 5-6	PM 6-7	PM 7-8	PM 8-9	PM 9-10	PM 10-11	PM 11-12	DAILY MEAN	NO OF HRS	5 MIN MAX
1	.00	.00			.00	.00	.00	.00	.00				.00	.00				.00	.00	.00	.00	.00	.00	.00	.000	16	.02
2	.00	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00				.00	.00	.00	.00	.00	.00	.00	.000	20	.00
3	.00	.00		.00	.00	.00	.00	.00	.00	.00	.00		.00	.00			.01	.01	.01						.003	15	.03
4				.00	.00	.00							.00			.00	.00	.00	.00	.00	.00	.00	.00	.00	.000	13	.00
5*	.00	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.000	23	.00
6*	.00	.00		.00	.00	.00	.00	.00	.00	.00	.00	.01	.02				.05	.05	.04	.05	.05	.06	.05	.03	.021	20	.10
7																											
8																											
9																											
10																											
11																											
12*																											
13*																											
14																											
15																											
16																											
17																											
18																											
19*																											
20*																											
21																											
22	.00	.00		.00	.00	.00	.00	.00	.00	.01	.01	.02	.02	.02			.01	.02	.01	.01	.01	.01	.01	.01	.009	21	.05
23	.01	.01			.01	.01			.01			.02	.01	.02			.02	.02	.01	.01	.02	.02	.02	.02	.014	16	.05
24	.01	.01		.01	.01	.01	.02	.01	.01	.01	.01	.01	.01	.01			.02	.01	.01	.01	.01	.00	.00	.00	.009	21	.04
25	.00	.00		.00	.00	.00	.00	.01	.01	.01	.02	.01	.01	.00			.01	.00	.00	.00	.01	.01	.01	.01	.005	21	.04
26*	.01	.01			.00	.00	.01	.01	.01	.01	.01	.01	.01	.02			.03	.03	.02	.03	.03	.03	.02	.02	.015	20	.09
27*	.01				.00	.00	.01	.01	.00	.01	.01	.02	.02	.03			.03		.01	.01	.01	.01	.03	.03	.013	18	.05
28		.01		.01	.01	.01		.03	.04	.04	.04	.03	.04	.06	.06	.03	.03	.03	.02	.03	.03	.02	.02	.01	.028	21	.08
MEAN																											
NO	11	11		9	13	13	10	11	12	10	10	10	13	11	2	3	11	12	13	12	12	12	12	12		245	
MAX	.01	.01		.01	.01	.01	.02	.03	.04	.04	.04	.03	.04	.06	.06	.03	.05	.05	.04	.05	.05	.06	.05	.03	.028		.10

* Indicates Saturday or Sunday
Local standard time used

TABULATED THU., MAR. 16, 1967

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CHICAGO, ILL.

TOTAL OXIDANT
MARCH 1966

CONCENTRATION IN PPM
POTASSIUM IODIDE ANALYSIS

DAY OF MONTH	AM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	PM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS.	5 MIN MAX
1	.01	.00		.00	.00	.00	.01	.01	.01	.02	.01	.01	.00	.00	.00	.00	.01	.01	.02	.02	.02	.02	.02	.04	.010	23	.06
2	.02	.00		.01	.00		.01	.05	.05	.03	.02	.02	.03	.02				.04	.03	.03	.03	.02	.03	.02	.023	19	.08
3	.02	.02		.02	.01	.01	.03	.04	.03	.03	.03	.03	.02	.02	.03	.03	.03	.02	.02	.03	.03	.03	.03		.025	22	.07
4	.01	.01		.01	.01	.01	.01	.02		.00	.00	.00	.00	.00				.01	.01	.01	.01	.00	.00	.01	.007	19	.02
5*	.01	.01		.00	.00	.00	.00	.01	.00	.01	.01	.00	.02	.02	.01	.02	.02	.02	.02	.02	.01	.02	.02	.02	.011	23	.06
6*	.02	.01		.01	.01	.01	.01	.01	.01	.01	.02	.01	.01	.01			.01	.01	.01	.01	.01	.01	.01	.01	.011	21	.03
7	.00	.00		.00				.00		.00	.00	.01	.00					.02	.02	.02	.01	.02	.02		.008	15	.04
8	.02	.01		.02	.01	.01	.01	.01				.02	.02	.01			.03	.02	.02	.02	.02	.02	.01	.02	.017	18	.04
9	.01	.01		.02	.00	.01	.02	.02	.02	.02	.01	.02	.03	.02			.03	.03	.03	.03	.02	.02	.03	.02	.019	21	.05
10	.01	.01		.01	.01	.02	.03	.04	.04	.03	.04	.03	.03	.02			.04	.03	.03	.03	.03	.04	.03	.02	.026	21	.06
11	.02	.02		.02	.02	.02	.03	.04	.03	.04	.03	.02	.02	.02			.03	.03	.03	.03	.03	.03	.03	.02	.027	21	.06
12*	.03	.02		.02	.02	.02	.02	.02	.03	.02	.02	.03	.03	.02	.04	.04	.03	.02	.02	.02	.02	.02	.02	.03	.023	23	.07
13*	.02	.02		.02	.01	.01	.02	.02	.02	.02	.02	.02	.02	.01		.03	.03	.03			.03	.03	.03		.021	19	.06
14																											
15	.03	.02		.02	.02	.02	.04	.04	.04	.03	.03	.03	.02	.02			.04	.04	.03	.04	.04	.03	.02	.03	.029	21	.08
16	.02	.02		.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.03	.04	.03	.04	.04	.05	.03	.02	.05	.03	.02	.027	23	.08
17	.02	.02		.02	.02	.03	.03	.04	.03	.03	.02	.04	.04	.04				.03	.00	.03	.03	.02	.02	.02	.027	20	.05
18																											
19*	.01	.00			.00	.00	.01	.00	.01	.01				.01	.01	.01	.01	.01	.01	.01	.01	.01			.007	17	.02
20*																											
21																											
22	.01	.01		.01	.01	.01	.02	.02	.02	.02	.03	.03	.02	.03	.03	.03			.03	.03	.04	.03	.03	.02	.023	21	.06
23	.01	.01		.02	.01	.01	.02	.02	.02	.01	.01			.00	.00	.00	.00	.00	.00	.01	.00	.00	.01	.01	.008	21	.03
24	.01	.01		.01	.00	.00	.00	.00	.00									.00	.00	.00	.00	.00			.002	13	.01
25																											
26*		.01		.01	.01	.01	.01	.01	.01	.00	.00	.00	.00	.00			.01	.01	.00	.00	.00	.00	.00	.00	.004	20	.02
27*																											
28			.00	.00	.00	.00				.00	.00	.00	.00			.02	.02	.02	.02	.01	.01	.01	.00	.00	.007	17	.05
29	.00	.00		.00	.00	.00	.00	.00	.00	.00	.01	.01	.02	.02			.02	.02	.02	.02	.03	.03	.03	.02	.011	21	.04
30	.02	.01			.01	.00		.02	.01		.01	.01	.01	.01					.01	.01	.01	.01	.01	.02	.010	16	.03
31	.01	.02		.03	.02	.01	.01	.01	.00	.00	.00						.02	.02	.02	.01	.01	.01	.02	.02	.013	18	.03
MEAN	.01	.01		.01	.01	.01	.02	.02	.02	.02	.02	.02	.02	.02			.02	.02	.02	.02	.02	.02	.02	.02	.017		
NO	23	24	1	23	24	23	22	24	21	22	22	21	21	21	8	10	18	23	24	24	25	25	23	21		493	
MAX	.03	.02	.00	.03	.02	.03	.04	.05	.05	.04	.04	.04	.04	.04	.04	.04	.04	.04	.05	.04	.04	.05	.03	.04	.029		.08

* Indicates Saturday or Sunday
Local standard time used

TABULATED: THU., MAR. 16, 1967

CONTINUOUS AIR MONITORING PROGRAM

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

CONCENTRATION IN PPM
POTASSIUM IODIDE ANALYSIS

CHICAGO, ILL.

TOTAL OXIDANT
APRIL 1966

DAY OF MONTH	AM 12-1	AM 1-2	AM 2-3	AM 3-4	AM 4-5	AM 5-6	AM 6-7	AM 7-8	AM 8-9	AM 9-10	AM 10-11	AM 11-12	PM 12-1	PM 1-2	PM 2-3	PM 3-4	PM 4-5	PM 5-6	PM 6-7	PM 7-8	PM 8-9	PM 9-10	PM 10-11	PM 11-12	DAILY MEAN	NO. OF HRS	5 MIN MAX
1	.02	.01			.02	.02	.01					.02		.02			.03	.03	.03	.02	.03	.02	.04	.02	.021	15	.06
2*	.02			.01	.01	.01	.01	.01	.01	.01	.01	.02	.02	.02			.02	.03				.01		.01	.014	16	.05
3*																											
4					.01	.00	.00	.00	.00	.00	.00	.01	.00			.01	.01	.01	.01	.00	.00	.00	.00	.00	.003	18	.04
5	.00	.01			.01	.00	.00	.01	.00	.01	.01	.01	.00				.01	.01	.00	.00	.00	.00	.00	.00	.003	19	.03
6																											
7																											
8		.00		.00	.00	.00	.00	.00	.01	.01	.01	.01	.01	.01			.03	.02	.02	.02	.02	.02	.02	.01	.011	20	.05
9*	.01	.01		.01	.00	.00	.00	.01	.01	.01	.02	.02	.02	.02			.02	.03	.02	.02	.02	.01	.02	.03	.015	21	.05
10*																											
11																											
12	.02	.02		.02	.02	.01	.01	.02	.01	.01	.01	.02	.01				.02	.03	.02	.02	.02	.02	.02	.02	.018	20	.04
13																											
14																											
15																											
16*		.03			.01	.01	.02	.02	.01	.01	.00	.01	.04	.03			.03	.02	.02	.03	.02	.02	.02	.02	.018	19	.06
17*																											
18																											
19																											
20																											
21																											
22																											
23*		.04		.03	.03	.02	.03	.03	.03		.05	.06	.06	.07			.05	.05	.04	.04	.06	.04			.041	17	.09
24*																											
25																											
26	.01	.01		.01	.02	.04	.04	.06	.04								.04	.03	.03	.04	.04	.04	.03	.03	.030	16	.08
27	.03	.03			.02	.03	.04	.04	.04	.03	.04						.04	.03	.04	.03	.04	.03	.03	.02	.033	17	.08
28	.02	.01			.02	.03	.03	.02	.01	.01	.01	.01	.02	.03			.02	.02	.01	.01	.02	.02	.03		.017	19	.06
29																											
30*																											
MEAN	8	10		6	12	12	12	11	11	9	10	10	9	7		1	12	12	11	11	11	12	10	10		217	
NO																											
MAX	.03	.04		.03	.03	.04	.04	.06	.04	.03	.05	.06	.06	.07		.01	.05	.05	.04	.04	.06	.04	.03	.03	.041		.09

* Indicates Saturday or Sunday
Local standard time used

TABULATED THU., MAR. 16, 1967

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONCENTRATION IN PPM
POTASSIUM IODIDE ANALYSIS

CHICAGO, ILL.

TOTAL OXIDANT
MAY 1966

DAY OF MONTH	AM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	PM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS.	5 MIN. MAX.
1*																											
2																											
3																											
4	.00	.00		.00	.00	.03	.03	.04	.02	.02	.03	.04	.03	.03	.01	.04	.02	.02	.02	.02	.01	.01	.00	.01	.018	23	.07
5																											
6																											
7*	.03	.02		.03	.03	.03	.05			.04	.05	.04	.05	.04			.05	.04	.04	.03	.04				.038	16	.08
8*																											
9		.02								.03			.02	.02	.03	.03	.03	.03	.03	.03	.02	.02	.02	.02	.024	14	.05
10	.01	.02		.02	.02	.03	.03	.03	.02	.03	.03	.04	.04	.05			.03	.03	.03	.03	.04	.03	.03	.02	.028	21	.06
11	.02	.03				.02			.02	.02	.02	.02	.03	.02			.04	.02	.02	.03	.03	.03	.03	.02	.024	17	.06
12	.02	.02		.02	.02	.03	.03	.03	.03	.03	.03	.03					.04	.03	.03	.04	.04	.04	.03	.02	.029	19	.07
13	.02	.02		.02	.02	.02	.05	.03	.03	.03	.03	.03	.02	.04			.02	.02	.01	.02	.02	.03	.02	.03	.026	21	.10
14*	.03	.02		.02	.02	.03	.03	.02	.02	.02	.03	.04	.04	.03			.04	.04		.04	.04	.05	.05	.05	.031	20	.07
15*																											
16																											
17	.06	.04		.04	.03	.05	.04	.05	.04	.05	.04	.04	.05	.07	.04	.06	.05	.05	.03	.03	.03	.02	.05	.04	.0		.10
18	.04	.03		.02	.02	.03	.04	.04	.03	.03	.04	.04	.05	.06			.04	.03	.03	.03	.03	.02	.03	.03	.	.	.06
19		.01	.02	.02	.02	.02	.02	.02									.03	.03	.03	.03	.02	.03	.02	.03	.0	5	.06
20		.02	.02	.02	.02	.03	.02	.02	.03	.03	.04	.04	.04	.04			.03	.03	.03	.02	.03	.03	.03	.03	.0	21	.05
21*		.02	.02	.02	.02	.03	.03	.03	.03	.05	.04	.04	.04	.04			.04	.03	.03	.04	.03	.03	.04	.05	.035	21	.07
22*																											
23																											
24		.03	.03	.02	.02	.02	.03	.03	.03	.02	.02	.03	.03	.04			.03	.04	.04	.04	.04	.04	.04	.03	.031	21	.07
25		.02	.01	.01	.02	.03	.04	.04	.04	.04	.05	.06	.06	.05	.03	.04	.04	.04	.04	.03	.04	.06	.04	.04	.037	23	.08
26		.04	.04	.04	.04	.07	.05	.06	.05	.05	.05	.06	.06	.06			.04	.04	.03	.02	.02	.02	.02	.02	.043	21	.09
27	.03	.02		.02	.02	.02	.02	.03	.04	.04	.04	.04	.05	.05			.03	.02	.02	.02	.02	.03	.02	.02	.029	21	.05
28*	.02	.02		.02	.02	.02	.02	.02	.02	.02	.04	.04	.03	.04			.03	.03	.02		.02	.03	.03	.03	.025	20	.07
29*	.02	.03			.02	.03	.03	.03	.03	.03	.03	.03	.03	.03			.03	.03	.03	.03	.04	.03	.03	.03	.028	20	.06
30	.02	.03		.03	.02	.03	.03	.03	.03	.03	.03	.04	.04	.04			.04	.03	.03	.03					.031	17	.05
31																											
MEAN		.02		.02	.02	.03	.03	.03	.03	.03	.04	.04	.04	.04			.03	.03	.03	.03	.03	.03	.03	.03	.030		
NO.	13	20	6	17	18	19	18	17	17	19	18	18	18	18	4	4	20	20	19	19	19	18	18	18		395	
MAX	.06	.04	.04	.04	.04	.07	.05	.06	.05	.05	.05	.06	.06	.07	.06	.06	.05	.05	.04	.04	.04	.06	.05	.05	.045		.10

* Indicates Saturday or Sunday
Local standard time used

TABULATED THU., MAR. 16, 1967

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
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Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONCENTRATION IN PPM
POTASSIUM IODIDE ANALYSIS

CHICAGO, ILL.

TOTAL OXIDANT
JUNE 1966

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS	5 MIN MAX
1	.02	.01		.02	.02	.03	.04	.03	.02	.03	.03	.03	.03	.03			.03	.03	.03	.04	.03	.04	.02	.02	.026	21	.06
2	.03	.02		.03	.03	.03	.03	.03	.03	.03	.04	.05	.05	.05			.05	.04	.04	.04	.04	.03	.03	.02	.035	21	.07
3	.02	.02		.02	.02	.02	.03	.03	.03	.03	.04	.04	.05	.05			.04	.03	.03	.03	.03	.03	.03	.02	.029	21	.06
4*	.03	.02		.02	.02	.02	.02	.03	.04	.04	.05	.05	.05	.05			.04	.04	.03	.03	.02	.02	.02	.03	.031	21	.06
5*																											
6	.03	.02					.02	.03	.02	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.02	.02	.01	.02	.026	20	.05
7	.02	.02		.02	.01	.03	.03	.03	.03	.03	.03	.03	.04	.04	.04	.03	.03	.04	.03	.04	.04	.04	.03	.03	.030	23	.06
8	.05	.03		.02	.02	.03	.03	.03	.03	.03	.04	.03	.04	.03			.03	.03	.03	.02	.02	.02	.02	.02	.028	21	.07
9	.01	.02		.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.03	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.018	23	.05
10	.02	.02		.02	.02	.03	.02	.03	.03	.03			.03	.03			.03	.03	.03	.02	.03	.04	.04	.04	.027	19	.07
11*	.03	.02		.02	.02	.03	.03	.04	.04	.04	.05	.05	.06	.06	.04	.05	.05	.05	.04	.03	.03	.03	.03	.02	.036	23	.06
12*	.02	.03		.03	.02	.02	.02	.03	.05	.04	.04	.04	.03	.04	.02	.04	.03	.03	.03	.03	.03	.04	.03	.02	.030	23	.06
13	.03	.02		.02	.02	.02	.02	.02	.03	.03	.04	.04					.03	.03	.02	.03	.03	.02	.03	.03	.025	19	.05
14	.02	.01		.02	.02	.02	.03	.02	.02	.03	.03	.03	.03	.03			.02	.01	.02	.02	.02	.02	.01	.01	.020	21	.05
15																											
16																											
17																											
18*		.02		.01	.02	.02	.03	.03	.04	.09	.11	.15	.13	.10	.09	.07	.08	.08	.08	.05	.04	.04	.04	.04	.062	22	.17
19*	.03	.03		.02	.02	.02	.03	.03	.04	.04	.04	.04	.04	.04	.05	.04	.04	.04	.04	.02	.02	.02	.02	.03	.032	23	.05
20	.01	.02		.01	.01	.02	.02	.03	.02	.03	.03					.04	.04	.03	.03	.03	.02	.03	.02	.03	.025	19	.05
21	.02	.02		.02	.02	.02	.03	.03	.03	.04	.04	.04	.05	.05	.05	.05	.06	.06	.05	.05	.03	.02	.02	.03	.036	23	.08
22	.04	.04		.03	.02	.02	.03	.03	.04	.05	.08	.07	.07	.08	.06	.05	.05	.05	.03	.03	.02	.02	.03	.04	.042	23	.10
23	.03	.05		.03	.02	.02	.02	.02	.03	.04	.06	.06	.06	.06	.05	.05	.05	.06	.05	.03	.02	.03	.02	.02	.038	23	.08
24	.02	.02		.01	.02	.02	.02	.03	.03	.03	.05	.05	.05	.05			.05	.05	.04	.03	.03	.03	.03	.02	.031	21	.07
25*																											
26*																											
27																											
28		.03		.03	.03	.02	.01	.01	.01	.03	.03	.03	.03	.02	.02	.02	.02	.02	.03	.02	.02	.02	.03	.02	.022	22	.05
29	.04	.03		.03	.03	.01	.00	.01	.02	.03	.03	.04	.03	.03			.03	.03	.02	.01	.01	.02	.02	.01	.022	21	.04
30	.01	.01		.01	.02	.01	.00	.00	.02		.04	.05	.05	.05	.05	.05	.04	.03	.02	.02	.02	.02	.01	.01	.024	22	.06
MEAN	.02	.02		.02	.02	.02	.02	.02	.03	.03	.04	.04	.05	.04			.04	.04	.03	.03	.03	.03	.02	.02	.030		
NO	21	23		22	22	22	23	23	23	22	22	21	21	21	12	13	23	23	23	23	23	23	23	23		495	
MAX	.05	.05		.03	.03	.03	.04	.04	.05	.09	.11	.15	.13	.10	.09	.07	.08	.08	.08	.05	.04	.04	.04	.04	.062		.17

* Indicates Saturday or Sunday
Local standard time used

TABULATED THU., MAR. 16, 1967

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
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HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONCENTRATION IN PPM
POTASSIUM IODIDE ANALYSIS

CHICAGO, ILL.

TOTAL OXIDANT
JULY 1966

DAY OF MONTH	AM 12-1	AM 1-2	AM 2-3	AM 3-4	AM 4-5	AM 5-6	AM 6-7	AM 7-8	AM 8-9	AM 9-10	AM 10-11	AM 11-12	PM 12-1	PM 1-2	PM 2-3	PM 3-4	PM 4-5	PM 5-6	PM 6-7	PM 7-8	PM 8-9	PM 9-10	PM 10-11	PM 11-12	DAILY MEAN	NO. OF HRS.	5 MIN MAX
1	.01	.01		.01	.01	.02	.01	.00	.01	.02	.05	.07	.08	.07	.06	.07	.05	.04	.05	.04	.03	.02	.02	.02	.033	23	.09
2*	.03	.04		.01	.00	.00	.01	.01	.01	.02	.03	.03	.07	.06	.05	.07	.05	.05	.05	.03	.02	.03	.02	.00	.029	23	.11
3*	.00	.00		.00	.00	.01	.01	.02		.05	.06	.07	.06	.06	.06	.07	.08	.07	.05	.04	.02	.01	.01	.01	.034	22	.10
4	.00	.02		.02	.02	.02	.02	.02	.02	.02	.02	.03	.03	.03	.02	.03	.02	.02	.02	.02	.01	.02	.00	.00	.018	23	.03
5	.02	.02		.02	.02	.01	.00	.00	.01					.08			.02	.03	.01	.00	.00	.00	.00	.00	.014	17	.09
6	.01	.01		.02	.01	.00	.00	.00	.01	.02			.04	.04	.03	.03	.03	.03	.02	.02	.02	.02	.02	.01	.018	21	.05
7	.00	.00		.01	.01	.01	.01	.02	.02	.03	.03	.03	.03	.03	.03	.04	.03	.03	.03	.03	.02	.02	.02	.02	.021	23	.05
8	.01	.01		.01	.02	.02	.03	.04	.04	.05	.06	.06	.07					.00	.00	.00	.00	.00	.00	.00	.021	19	.08
9*	.00	.00		.01	.01	.01	.01	.01	.03	.03	.03	.00	.04	.04	.01	.02	.02	.02	.00	.00	.00	.00	.00	.00	.012	23	.06
10*	.00	.00		.00	.00	.00	.01	.01	.03	.04	.06	.06	.06	.05	.02	.03			.00	.00	.00	.00	.00	.00	.025	15	.09
11																	.01	.02	.01	.00	.00	.00	.00	.00	.014	20	.06
12	.01	.01		.01	.01	.00	.00	.01	.03	.03	.04	.05	.04				.01	.01	.00	.00	.00	.00	.00	.00	.002	23	.01
13	.00	.00		.00	.00	.00	.00	.00	.01	.00	.00	.00	.00	.01	.00	.01	.01	.01	.00	.00	.00	.00	.00	.00	.007	23	.02
14	.01	.01		.01	.01	.00	.00	.00	.00	.00	.01	.01	.01	.01	.01	.02	.01	.01	.01	.01	.01	.01	.01	.00	.007	23	.02
15	.01	.02		.01	.01	.01	.01	.01	.02	.02	.02	.02				.03	.03	.02	.02	.01	.01	.01	.01	.01	.016	20	.04
16*	.01	.02		.03	.03	.02	.02	.02	.03	.04	.04	.04	.05	.05	.04	.04	.04	.04	.04	.03	.03	.03	.02	.02	.031	23	.06
17*	.03	.03		.03	.01	.01	.02	.03	.05	.06	.10	.13	.12	.08	.07	.07	.06	.06	.06	.04	.03	.03	.03	.02	.050	23	.21
18	.02	.02			.02	.02	.02	.03	.04	.06	.06	.06	.07				.06	.05	.04	.03	.03	.03	.02	.02	.037	19	.08
19	.02	.02		.02	.01	.00	.00	.00	.01	.02	.03	.03	.03	.03	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.018	23	.04
20	.02	.02		.02	.02	.02	.02	.02	.02	.02	.02	.03	.03	.03	.02	.03	.03	.02	.02	.02	.02	.02	.02	.01	.023	23	.05
21	.02	.02		.02	.02	.01	.02	.02	.02	.03	.04	.03	.03	.04	.02	.03	.03	.03	.03	.02	.02	.02	.02	.02	.024	23	.06
22	.02	.02		.02	.02	.03	.03	.04	.05	.04	.05	.07	.07	.08			.06	.06	.06	.05	.05	.03	.02	.02	.042	21	.09
23*	.02	.02		.02	.02	.03	.03	.03	.05	.07	.10	.12	.16	.19	.13	.12	.15	.11	.13	.09	.05	.04	.05	.04	.077	23	.23
24*	.03	.03			.09	.08	.07	.07	.08	.08	.07	.08	.08	.08	.07	.08	.08	.08	.08		.08	.05	.05		.071	20	.12
25		.05		.02	.02	.00	.00			.03	.05	.06	.07			.06	.05	.05	.05	.04	.03	.03	.02	.02	.035	18	.08
26	.02	.02		.01	.01	.01	.01	.03	.04	.05	.05	.04	.05	.05			.03	.04	.03	.03	.03	.02	.02	.02	.027	21	.07
27	.02	.02		.01	.01	.00	.00	.01									.02	.03	.03	.02	.01	.01	.01	.00	.014	15	.05
28	.00	.00		.01	.01	.00	.01	.02				.03	.03	.03	.04	.04	.03	.03	.03	.02	.02	.03	.03	.03	.021	20	.05
29	.02	.02		.02	.02	.03	.04	.03						.03			.03	.03	.03	.02	.03	.03		.03	.026	15	.07
30*	.02	.02	.02	.02	.02	.02	.03	.03	.03	.04	.04	.04	.04	.05	.04	.05	.04	.03	.03	.03	.04	.04		.03	.033	23	.07
31*																											
MEAN	.01	.02		.01	.02	.01	.01	.02	.03	.03	.04	.05	.05	.05	.04	.05	.04	.04	.03	.02	.02	.02	.02	.01	.028		
NO.	28	29	1	27	29	29	29	28	24	25	24	25	25	23	19	21	27	28	28	27	28	28	26	27		605	
MAX	.03	.05	.02	.03	.09	.08	.07	.07	.08	.08	.10	.13	.16	.19	.13	.12	.15	.11	.13	.09	.08	.05	.05	.04	.077		.23

* Indicates Saturday or Sunday
Local standard time used

TABULATED THU., MAR. 16, 1967

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONCENTRATION IN PPM
POTASSIUM IODIDE ANALYSIS

CHICAGO, ILL.

TOTAL OXIDANT
AUG. 1966

DAY OF MONTH	AM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	PM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN MAX
1							.04	.05	.04	.04	.06	.07	.07			.06	.05	.05	.05	.05	.04	.02	.02	.02	.045	16	.09
2	.03	.05			.03	.02	.00	.00	.00	.01							.03	.02	.02	.02	.02	.02	.02	.01	.017	16	.06
3	.02	.02		.02	.02	.03	.03	.03	.03	.02	.02	.02	.03	.03			.03	.03	.03	.02	.02	.02	.02	.03	.023	21	.06
4	.02	.02		.02	.03	.04	.04	.05	.05	.08	.13	.12	.11	.08	.05	.05	.06	.03	.04	.05	.05	.03	.04	.03	.053	23	.15
5	.03	.03		.03	.03	.04	.05	.05	.07	.05	.06	.06	.05	.06			.08	.07	.05	.04	.04	.04	.06	.05	.049	21	.12
6*	.04	.02		.02	.03	.03	.04	.05	.07	.10	.11	.12	.16	.14	.14	.11	.08	.07	.09	.06	.06	.03	.04	.03	.071	23	.18
7*																											
8																											
9		.02		.01	.01	.02	.02	.03	.04	.05	.05	.05	.04	.05			.05	.05	.04	.02	.02	.03	.02	.02	.032	20	.07
10	.01	.02		.02	.02	.02	.03	.04	.03	.02	.03	.03	.03	.04	.03	.03	.03	.03	.03	.03	.03	.03	.03	.02	.026	23	.06
11	.03	.02		.02	.02	.03	.03	.03	.03	.03	.04	.05	.05	.04			.04	.03	.03	.04	.03	.03	.03	.03	.031	21	.06
12	.04	.03		.03	.01	.03	.02	.03	.03	.02	.03	.03				.04	.04	.03	.03	.03	.03	.04	.03	.03	.028	20	.06
13*	.03	.02		.03	.03	.02	.02	.02	.03	.05	.05	.03	.04	.04			.04	.03	.02	.03	.03	.02	.02	.02	.028	21	.07
14*	.01	.01		.01	.01	.01	.02	.02	.02	.03	.02	.02	.03	.03			.03	.03	.02	.02	.02	.01	.02	.01	.020	21	.04
15																											
16																											
17																											
18																											
19	.01	.01		.01	.00	.01	.00	.01	.01	.01	.01	.01	.01	.01			.01	.01	.01	.01	.01	.02	.01	.02	.010	21	.03
20*	.01	.01		.02	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01			.01	.01	.01	.01	.01	.01	.00	.00	.010	21	.03
21*	.01	.00		.00	.00	.00	.00	.00	.00	.01	.01	.01	.02	.02			.01	.01	.01	.00	.00	.00	.00	.00	.004	21	.03
22	.00	.00		.00	.00	.00	.00	.00	.00	.00				.01	.02	.02	.01	.01	.01	.01	.01	.00	.01	.01	.006	20	.04
23	.01	.01		.01	.01	.01	.01	.01	.01	.01	.01	.01					.02	.01	.01	.01	.01	.01	.01	.01	.011	19	.03
24	.01	.00		.00						.01	.01	.01	.01	.01			.01	.01	.01	.01	.01	.01	.01	.01	.010	16	.03
25	.01	.00		.01	.01	.01	.02	.01	.01	.01						.02	.02	.02	.02	.01	.01	.01	.02	.01	.012	18	.04
26	.01	.01		.01	.01	.03	.04	.03	.03	.04	.03	.03	.03	.03	.03		.03	.03	.02	.02	.02	.02	.02	.02	.024	22	.07
27*	.01	.01		.01	.01	.01	.01	.02	.03	.04	.04	.04	.04	.04	.04	.03	.03	.03	.03	.02	.02	.02	.02	.02	.024	23	.05
28*																											
29		.02			.01				.03	.02		.02	.03	.03	.03	.03	.03	.03	.02	.03	.02	.02	.02	.02	.024	17	.04
30	.02	.01		.01	.01	.02	.02	.03	.04	.06	.04	.04	.05	.06	.06	.04	.04	.05	.04	.03	.03	.03	.02	.02	.033	23	.07
31	.03	.03		.02	.01	.02	.02	.02	.03	.05						.05	.05	.05	.05	.05	.04	.05	.03	.03	.034	18	.06
MEAN	.02	.02		.01	.01	.02	.02	.02	.03	.03	.04	.04	.05	.04			.03	.03	.03	.03	.02	.02	.02	.02	.027		
NO	21	23		21	22	21	22	22	23	24	19	20	19	18	8	11	24	24	24	24	24	24	24	24		485	
MAX	.04	.05		.03	.03	.04	.05	.05	.07	.10	.13	.12	.16	.14	.14	.11	.08	.07	.09	.06	.06	.05	.06	.05	.071		.18

* Indicates Saturday or Sunday
Local standard time used

TABULATED THU., MAR. 16, 1967

CONTINUOUS AIR MONITORING PROGRAM

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

CONCENTRATION IN PPM
POTASSIUM IODIDE ANALYSIS

CHICAGO, ILL.

TOTAL OXIDANT
SEPT. 1966

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS	5 MIN. MAX
1	.02	.02		.02	.02	.02	.02	.03	.06	.09	.09	.10	.11	.09	.08	.07	.06	.05	.05	.03	.02	.02	.01	.01	.047	23	.13
2	.01	.01		.01	.01	.02	.01	.02	.02	.02	.03	.04	.04	.04	.03	.03	.03	.03	.03	.02	.02	.01	.02	.01	.021	23	.04
3*																											
4*																											
5		.01		.01	.01	.01	.01	.01	.02	.02	.02	.02	.02	.02	.02	.02	.01	.01	.02	.01	.01	.02	.01	.01	.015	22	.04
6	.01	.01			.01	.02	.02	.02	.02								.02	.02	.02	.02	.02	.02	.02	.02	.017	15	.04
7	.01	.01		.01	.03	.05	.04	.03	.03	.03	.02	.03	.03	.03	.03	.02	.03	.02	.02	.02	.03	.03	.03	.03	.024	23	.09
8	.02	.02		.02	.02	.02	.03	.02	.03	.03	.03	.04	.04	.04	.05	.04	.03	.03	.03	.03	.03	.03	.03	.03	.029	23	.05
9	.03	.03		.02	.02	.03	.03	.04	.04	.03	.04				.04	.04	.03	.04	.03	.04	.04	.03	.03	.03	.032	20	.06
10*	.03	.02		.03	.03	.03	.04	.04	.04	.05	.05	.08	.05	.05			.04	.04	.04	.04	.03	.03	.03	.03	.038	21	.14
11*	.03	.03			.02	.03	.02	.03	.04	.04	.06	.06	.05	.05	.04	.05	.04	.04	.03	.03	.03	.03	.03	.03	.036	22	.12
12	.04				.03	.03	.02	.02	.03	.04	.06	.06	.06	.07			.04	.04	.03	.02	.03	.02	.03	.03	.035	19	.08
13	.03	.02		.02	.01	.02	.03	.03	.03	.05	.06	.06	.07	.06			.05	.06	.03	.03	.02	.02	.02	.02	.034	21	.08
14			.02	.01	.01	.01	.02	.02	.03	.03	.03	.02	.02	.01			.01	.01	.02	.01	.02	.02	.02	.01	.018	20	.05
15	.01	.02		.02	.01	.02	.02	.02	.02	.02	.02	.02					.02						.02	.01	.016	14	.04
16	.03	.0		.01	.02	.03	.03	.02	.03	.03	.03						.03	.02	.01	.03	.02	.04	.03	.03	.027	18	.06
17*	.02	.01		.01	.01	.02	.03	.03	.02	.03	.04	.03	.03	.03											.024	13	.05
18*																											
19																											
20																											
21	.02	.01		.01	.01	.01	.02	.02	.02	.02	.02	.02	.02	.03			.02	.02	.02	.02	.03	.02	.02	.02	.018	21	.05
22	.02	.01		.01	.01	.02	.02	.03	.02	.02	.03	.02	.02	.03			.02	.02	.02	.03	.02				.021	18	.06
23																											
24*	.01	.01		.01	.01	.02	.03	.02	.01	.02	.02	.02	.03	.02			.02	.02	.03	.02	.02	.02	.02	.02	.018	21	.05
25*																											
26		.02									.01	.02	.02			.02	.02	.02	.02	.03	.04	.02	.02	.01	.019	13	.06
27	.02	.02			.01	.02	.02	.04	.03	.02	.02	.03	.03	.03	.02	.02	.02	.03	.02	.02	.04	.04	.01	.02	.024	22	.07
28	.01	.00		.01	.01	.02	.02	.01	.01	.01	.02	.03	.03	.03	.01	.01	.01	.01	.01	.00	.01	.00	.00	.01	.012	23	.03
29	.01	.01		.01	.00	.01	.00	.01	.01	.01	.02	.01	.01	.00	.01	.01	.02	.01	.01	.02	.01	.01	.00	.01	.009	23	.03
30	.00	.00			.00	.00	.00	.00	.00	.01	.01					.01	.01	.02	.01	.00	.01	.01	.01	.00	.005	18	.04
MEAN	.02	.02		.01	.01	.02	.02	.02	.03	.03	.03	.04	.04	.04			.03	.03	.02	.02	.02	.02	.02	.02	.024		
NO	20	21	1	17	22	22	22	22	22	21	22	19	18	17	10	12	22	21	21	21	21	20	21	21		456	
MAX	.04	.03	.02	.03	.03	.05	.04	.04	.06	.09	.09	.10	.11	.09	.08	.07	.06	.06	.05	.04	.04	.04	.03	.03	.047		.14

* Indicates Saturday or Sunday
Local standard time used

TABULATED: THU., MAR. 16, 1967

CONTINUOUS AIR MONITORING PROGRAM

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

CHICAGO, ILL.

CONCENTRATION IN PPM

POTASSIUM IODIDE ANALYSIS

TOTAL OXIDANT
OCT. 1966

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5 MIN MAX
1*																											
2*																											
3																											
4	.02	.02		.01	.01	.01	.01	.01	.01	.01	.02	.02	.02	.02	.02	.02	.01	.01	.01	.01	.01	.01	.01	.01	.013	23	.03
5																											
6																											
7																											
8*																											
9*																											
10																											
11																											
12				.02	.04	.07	.07	.03	.02	.02	.02	.03	.04	.04			.02	.02	.03	.02	.02	.02	.02	.01	.030	19	.12
13	.01	.01			.01	.01	.01	.01		.03				.04	.04	.04	.04	.05	.03	.02	.02	.02	.02	.01	.022	18	.09
14	.00	.00		.01	.00	.01	.01	.01	.01	.01	.01	.01	.01	.01			.02	.01	.02	.02	.02	.02	.02	.02	.012	21	.03
15*	.02	.02		.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01			.01	.01	.01	.01	.01	.01	.02	.02	.011	21	.04
16*	.01				.01	.01	.02	.02	.02	.02	.03	.03	.03	.03			.03	.02	.02	.02	.02	.01	.01	.01	.019	19	.06
17																											
18	.02	.02		.02	.02	.04	.04	.05	.02	.03	.03	.03	.03	.03			.03	.03	.03	.03	.03	.03	.03	.03	.029	21	.08
19	.02	.02		.00	.01	.02	.04	.03	.03	.04	.04	.03	.04	.05	.04	.04	.05	.04	.04	.04	.03	.03	.02	.02	.031	23	.08
20	.01	.01		.00	.02	.03	.04	.05	.03	.00	.01	.01	.01	.02			.02	.03	.03						.021	16	.08
21																											
22*																											
23*																											
24																											
25		.02		.01	.01	.03	.03	.03	.04	.03	.01	.02	.02	.03			.03	.03	.02	.02	.02	.04	.06	.03	.027	20	.11
26	.02	.02		.02	.02	.04	.05	.03	.02	.01							.04	.04	.04	.03	.05	.05	.02	.02	.030	17	.08
27	.01	.01		.01	.01	.01	.02	.01	.01	.02	.01	.02	.03	.03				.02	.02	.02	.03				.016	17	.05
28																											
29*	.01	.01		.02	.02	.02	.01	.02	.02	.02	.02	.03	.03	.02			.02	.02	.02	.02	.01	.02	.02	.02	.017	21	.05
30*																											
31																											
MEAN	11	11		11	13	13	13	13	12	13	11	11	11	12	3	3	12	13	13	12	12	11	11	11		256	
NO	.02	.02		.02	.04	.07	.07	.05	.04	.04	.04	.03	.04	.05	.04	.04	.05	.05	.04	.04	.05	.05	.06	.03	.031		.12
MAX																											

* Indicates Saturday or Sunday
Local standard time used

TABULATED THU., MAR. 16, 1967

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CONTINUOUS AIR MONITORING PROGRAM

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

CHICAGO, ILL.

CONCENTRATION IN PPM
POTASSIUM IODIDE ANALYSIS

TOTAL OXIDANT
NOV. 1966

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5 MIN MAX
1	.01	.00		.01	.01	.00	.01	.00	.00	.00	.00	.00	.00	.00			.00	.00	.00	.00	.00	.00	.00	.00	.002	21	.02
2	.00	.00		.00	.00	.00	.00	.00	.01	.01	.00	.00	.00	.00			.01	.00	.00	.00	.00				.002	18	.03
3																											
4	.00	.00		.00	.00	.00	.00	.00	.00	.00	.00	.02	.02	.02			.02	.01	.00	.01	.01	.00	.00	.01	.006	21	.04
5*	.01	.01		.00	.00	.01	.01	.01	.01	.01	.01	.02	.01	.02			.02	.01	.02	.02	.02	.01	.01	.02	.011	21	.05
6*	.01	.01		.01	.01	.01	.01	.02	.01	.01	.02	.01	.02	.03			.02	.01	.02	.02	.02	.02	.02	.01	.014	21	.05
7	.01	.01			.01	.02				.02							.02	.01	.00	.01	.01	.01	.01	.01	.012	13	.03
8	.01	.01		.01	.01	.01	.02	.02	.02	.01	.01	.01	.01	.02			.02		.02	.01	.03	.02			.014	18	.06
9		.00			.02	.02	.03	.01	.01	.01	.02	.02	.02	.02			.02	.02	.02	.02	.02	.01	.01	.01	.017	19	.08
10	.01	.00		.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.02			.01	.01	.01	.00	.01	.01	.01	.00	.009	21	.04
11	.00	.00		.00	.00	.01	.03	.02	.01	.01	.01	.02	.01	.02			.02		.02	.02	.01	.01	.01	.01	.012	20	.07
12*																											
13*																											
14																											
15																											
16	.01	.01		.02	.01	.00	.02	.02	.01	.01	.01	.01	.02	.02				.03	.02	.01	.01	.01	.01	.01	.013	20	.04
17	.01	.00		.01	.01	.00	.02	.02	.02	.01	.01	.02	.02	.03			.02	.02	.02	.02	.02	.01	.01	.01	.013	21	.03
18	.00	.01		.00	.00	.01	.01	.00	.01	.00	.00	.00	.00				.00			.00	.00	.00	.00	.00	.002	18	.03
19*	.00	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00			.01	.00	.00	.00	.00	.00	.00	.00	.000	21	.02
20*	.00	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00			.01	.01	.01	.00	.00	.00	.01	.01	.002	21	.04
21	.00	.00		.00	.00	.00	.01	.00	.00	.00	.00						.01	.02	.02	.02	.02	.01	.01	.01	.007	18	.04
22	.01	.01		.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.03			.02	.02	.02	.02	.02	.02	.01	.01	.019	21	.05
23	.01	.01		.01	.01	.02	.02	.03	.02	.02	.02	.02	.02	.02			.03	.02	.01	.02	.02	.02	.02	.01	.018	21	.04
24	.01	.01		.01	.01	.01	.01	.02	.02	.01	.01	.02	.02	.02			.02	.02	.02	.02	.02	.02	.01	.01	.015	21	.03
25	.02	.02		.01	.02	.01	.01	.01	.02	.02	.02	.02	.02	.02			.03	.02	.03	.02	.02	.02	.02	.02	.019	21	.05
26*	.03	.03		.02	.02	.02	.02	.02	.02	.03	.02	.03	.03	.03			.03	.02	.03	.02	.03	.03	.03	.02	.024	21	.06
27*	.02	.01		.01	.02	.03	.01	.01	.01	.01	.01	.02	.02	.02						.02	.01	.01	.02	.01	.015	18	.05
28	.01	.01		.01	.01	.01	.01	.01	.01	.01				.02			.00	.00	.02	.01	.01	.01	.01	.00	.009	18	.03
29	.01				.00			.00	.00	.00	.00	.00	.00					.00	.00	.01	.02	.01	.02	.01	.005	15	.03
30		.00	.00	.00	.00	.00	.00	.00	.01	.02	.01	.01	.00	.00			.01	.01	.01	.00	.00	.00	.00	.00	.004	21	.04
MEAN	.01	.01		.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.02			.02	.01	.01	.01	.01	.01	.01	.01	.011		
NO	23	24	1	22	25	24	23	24	24	25	23	22	22	21			22	21	23	25	25	24	23	23		489	
MAX	.03	.03	.00	.02	.02	.03	.03	.03	.02	.03	.02	.03	.03	.03			.03	.03	.03	.02	.03	.03	.03	.02	.024		.08

* Indicates Saturday or Sunday
Local standard time used

TABULATED THU., MAR. 16, 1967

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONCENTRATION IN PPM
POTASSIUM IODIDE ANALYSIS

CHICAGO, ILL.

TOTAL OXIDANT
DEC. 1966

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN MAX
1																											
2																											
3*																											
4*																											
5																											
6																											
7	.01	.01		.01	.00	.00	.02	.03	.02	.01	.02	.02	.03	.03				.03	.02	.02	.02	.02	.02	.03	.018	20	.09
8																											
9																											
10*	.01	.01		.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.00			.00	.00	.00	.00	.00	.00	.00	.00	.002	21	.03
11*	.00	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00			.01	.00	.00	.00	.01	.00	.00	.00	.001	21	.04
12																											
13																											
14																											
15																											
16																											
17*	.00	.00		.00	.00	.00											.01	.02	.02	.02	.02	.02	.02	.01	.010	13	.04
18*	.01	.01		.01	.01	.01	.01	.02	.02	.02	.02	.02	.03	.02	.03	.03	.02	.02	.02	.02	.02	.02	.01	.02	.017	23	.05
19	.01	.01		.02	.02	.02	.01	.02	.02	.01							.02	.01	.01	.01	.02	.01	.01	.01	.014	17	.04
20	.00	.01		.01	.00	.00	.01	.01	.01	.01	.00	.00	.00	.01	.01	.01	.01	.01	.01	.01	.01	.01	.02	.01	.008	23	.04
21	.01	.01		.01	.01	.02	.03	.04	.03	.02	.02	.02	.02	.03	.04	.03	.04	.03	.01	.01	.01	.01	.00	.00	.019	23	.08
22	.00	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00								.000	16	.02
23																											
24*																											
25*																											
26																											
27																											
28	.02	.02		.02	.02	.02	.03	.02	.02	.02	.02	.04	.03	.03			.01	.01	.01	.01	.01	.01	.01	.01	.018	21	.05
29	.01	.01		.01	.01	.01	.01	.01	.01	.01	.00	.00	.00	.00			.00	.00							.005	15	.02
30																											
31*	.00	.00		.00	.00	.00	.01	.02	.02	.03	.03	.03	.02	.02			.04	.02	.02	.01	.02	.02	.01	.02	.016	21	.07
MEAN	12	12		12	12	12	11	11	11	11	10	10	10	10	4	4	11	11	10	10	10	10	10	10		234	
NO	.02	.02		.02	.02	.02	.03	.04	.03	.03	.03	.04	.03	.03	.04	.03	.04	.03	.02	.02	.02	.02	.02	.03	.019		.09
MAX																											

* Indicates Saturday or Sunday
Local standard time used

TABULATED THU., MAR. 16, 1967

TABULATED 04/10/67

CONTINUOUS AIR MONITORING PROGRAM
AISI SPOT (COH/1000 LIN.FT.)

DAY OF MONTH — TIME (STARTING HOUR) — CHICAGO ILLINOIS — JAN/66

DAY OF MONTH	0000	0200	0400	0600	0800	1000	1200	1400	1600	1800	2000	2200	AVG	N (1)	MAX (2)
01	3.7	3.4	3.2	2.5	1.3	0.6	0.6	0.8	1.4	1.7	1.1	1.4	1.84	12	3.7
02	1.0	0.7	1.5	0.6	1.0	3.0	4.2	1.5	2.1	1.8	1.9	2.1	1.82	12	4.2
03	1.7	1.9	3.0	5.4	4.6	3.6	4.1	2.7	3.7	4.4	3.4	3.0	3.51	12	5.4
04	2.4	2.2	2.2	3.2	5.1	3.2	3.7	2.2	3.2	3.9	4.1	4.9	3.40	12	5.1
05	5.4	7.7	8.6	14.6	16.4	7.9	7.2	4.5	7.5	8.9	8.4	10.5	9.01	12	16.4
06	6.4	7.0	5.6	4.3	4.3	3.7	3.1	3.0	4.2	3.7	2.8	2.3	4.24	12	7.0
07	1.9	2.8	2.9	4.8	3.7	4.0	3.3	3.7	4.4	3.3	4.1	3.2	3.55	12	4.8
08	2.8	4.2	3.1	6.3	7.0	6.6	4.2	2.9	2.4	3.3	3.5	4.3	4.28	12	7.0
09	3.2	2.4	2.7	3.5	3.6	2.4	2.2	2.0	2.7	2.9	3.7	3.6	2.94	12	3.7
10	3.4	2.7	3.4	4.4	5.1	3.1	2.8	3.2	3.9	3.5	3.5	3.6	3.58	12	5.1
11	2.8	2.5	5.5	6.8	7.3	5.7	2.3	2.1	1.9	1.4	1.0	0.7	3.36	12	7.3
12	1.2	1.1	0.8	1.8	1.7	2.8	3.2	2.8	3.0	3.8	4.0	3.6	2.52	12	4.0
13	4.0	7.1	6.7	7.0	6.0	4.1	3.8	4.2	4.2	5.7	5.4	5.5	5.35	12	7.1
14	3.9	4.9	4.5	4.7	5.2	0.0	6.3	2.6	5.0	2.3	9.1	4.2	4.44	12	9.1
15	1.6	0.6	0.9	0.6	0.9	0.4	1.0	1.4	1.6	3.6	2.2	3.5	1.56	12	3.6
16	2.7	0.8	0.5	0.8	0.6	4.8	3.0	2.8	3.3	3.0	3.1	4.2	2.51	12	4.8
17	3.4	3.9	5.0	6.2	5.1	4.8	4.4	6.5	7.5	8.0	6.6	5.8	5.65	12	8.0
18	3.9	5.3	6.9	14.2	8.8	6.6	4.4	4.1	5.6	5.2	4.9	6.9	6.45	12	14.2
19	5.2	6.2	6.1	11.8	10.0	6.2	6.4	2.7	3.2	5.5	8.8	9.4	6.82	12	11.8
20	11.7	10.4	8.7	9.9	5.4	5.9	6.4	6.6	2.4	1.3	2.2	1.3	6.06	12	11.7
21	0.7	0.7	0.7	1.2	1.5	1.6	1.1	1.5	0.8	1.2	1.5	1.2	1.19	12	1.6
22	1.7	0.8	0.5	4.1	3.7	3.0	1.5	2.1	4.3	4.3	3.2	3.7	2.78	12	4.3
23	3.2	2.1	3.1	4.0	4.3	3.1	2.6	2.9	3.5	3.1	4.0	4.0	3.37	12	4.3
24	4.2	4.3	5.0	11.3	13.4	10.3	7.6	8.9	8.9	7.7	7.9	6.8	8.06	12	13.4
25	7.9	8.0	1.6	1.0	1.6	1.8	1.1	1.3	2.1	1.3	1.4	0.8	2.61	12	8.0
26	1.3	0.9	1.1	1.3	3.0	4.7	8.3	5.5	6.4	8.0	5.4	5.3	4.30	12	8.3
27	4.1	3.3	3.4	3.7	4.2	4.0	3.4	4.0	4.6	3.8	4.2	3.5	3.90	12	4.6
28	3.4	2.9	3.8	5.1	5.3	4.2	4.0	4.1	5.2	4.4	4.4	5.1	4.35	12	5.3
29	4.3	3.6	4.2	4.8	4.5	4.4	4.2	4.1	5.4	4.5	6.0	4.5	4.56	12	6.0
30	5.8	9.3	6.1	4.1	4.1	3.5	3.9	4.0	5.6	4.7	5.3	6.1	5.24	12	9.3
31	5.4	4.9	7.8	10.0	8.7										
AVG	3.63	3.79	3.71	5.16	4.95	4.00	3.81	3.35	4.00	4.00	4.23	4.16	4.06		
N(3)	30	30	30	30	30	30	30	30	30	30	30	30		360	
MAX*	11.7	10.4	8.7	14.6	16.4	10.3	8.3	8.9	8.9	8.9	9.1	10.5	9.01		16.4

(1) N=NUMBER OF VALID 2-HR SPOTS
(2) MAX=MAXIMUM 2-HR COH (DY)
(3) N=DAYS WITH VALID VALUES
* MAX=MAXIMUM 2-HR COH (MO)
VALUES GREATER THAN 6.0 UNDERESTIMATE ACTUAL VALUE

TABULATED 04/10/67

CONTINUOUS AIR MONITORING PROGRAM
AISI SPOT (COH/1000 LIN.FT.)

CHICAGO ILLINOIS — FEB/66

DAY OF MONTH	TIME (STARTING HOUR) 0000	0200	0400	0600	0800	1000	1200	1400	1600	1800	2000	2200	AVG	N (1)	MAX (2)
01															
02															
03															
04															
05															
06															
07															
08								5.7	5.3	4.1	4.2	3.7			
09	2.2	2.1	2.9	3.1	3.7	2.2	3.0	4.2	3.8	3.5	3.3	2.1	3.05	12	4.2
10	1.5	2.3	2.7	4.4	3.8	2.9	3.0	3.8	4.0	3.3	3.6	2.2	3.16	12	4.4
11	3.1	3.3	3.5	5.3	4.9	3.5	2.6	2.3	3.1	3.1	3.4	3.7	3.53	12	5.3
12	6.3	5.7	6.6	11.4	5.6	3.4	1.7	1.6	2.7	6.7	9.2	7.5	5.75	12	11.4
13	3.0	2.6	3.3	2.6	2.8	3.0	2.9	3.3	3.9	2.6	2.9	5.0	3.19	12	5.0
14	2.9	3.5	3.9	5.6	5.9	3.0	1.1	1.0	2.8	4.5	3.8	3.3	3.49	12	5.9
15	3.4	4.3	6.0	6.3	6.0	2.8	2.2	3.3	3.8	4.7	5.3	2.5	4.25	12	6.3
16	4.2	4.0	3.5	4.5			2.4	3.0	3.1	2.2	2.5	2.7	3.25	10	4.5
17	3.0	2.0	3.4	4.1	4.4	3.3	3.3	3.7	4.1	3.2	3.1	3.0	3.44	12	4.4
18	2.0	0.8	1.4	2.1	2.8	2.1	2.7	3.1	3.4	2.0	1.6	1.4	2.15	12	3.4
19	1.7	1.0	2.3	2.4	1.8	2.0	1.2	3.6	4.0	4.5	4.3	4.6	2.92	12	4.9
20	4.2	4.2	4.9	5.1	5.4	4.6	3.6	3.9	3.8	3.4	4.4	4.7	4.38	12	5.4
21	4.5	4.1	5.0	7.2	9.9	5.7	5.0	3.8	4.3	4.4	6.4	6.9	5.65	12	9.9
22	6.3	5.9	8.2	11.3	9.3	5.8	4.4	5.5	4.1	2.2	1.8	1.7	5.59	12	11.3
23	1.3	2.0	1.1	1.8	1.9	0.9	0.9	2.4	3.0	1.8	3.9	1.6	1.92	12	3.9
24	1.7	1.0	0.7	1.8	2.0	1.8	1.8	2.6	4.3	4.1	3.8	4.3	2.54	12	4.3
25	4.3	4.8	5.0	5.9	5.4	3.9	3.6	3.8	4.5	4.9	3.3	3.7	4.47	12	5.9
26	2.7	4.1	5.9	3.9	1.9	1.0	1.4	1.9	2.5	2.0	1.8	1.8	2.61	12	5.9
27	3.1	2.3	2.3	2.5	2.2	1.7	1.8	2.5	2.2	2.7	3.7	4.5	2.66	12	4.5
28	3.8	4.3	2.7	3.0	2.9	2.9	4.2	5.5	5.9	6.1	5.3	4.8	4.32	12	6.1
29															
AVG	3.26	3.21	3.76	4.71	4.34	2.97	2.64	3.24	3.71	3.59	3.87	3.60	3.56		
N(3)	20	20	20	20	19	19	20	20	20	20	20	20		238	
MAX*	6.3	5.9	8.2	11.4	9.9	5.8	5.0	5.5	5.9	6.7	9.2	7.5	5.75		11.4

(1) N=NUMBER OF VALID 2-HR SPOTS
(2) MAX=MAXIMUM 2-HR COH (DY)
(3) N=DAYS WITH VALID VALUES
* MAX=MAXIMUM 2-HR COH (MO)
VALUES GREATER THAN 6.0 UNDERESTIMATE ACTUAL VALUE

TABULATED 04/10/67

CONTINUOUS AIR MONITORING PROGRAM
AISI SPOT (COH/1000 LIN.FT.)

DAY OF MONTH — TIME (STARTING HOUR) — CHICAGO ILLINOIS — MARCH/66

DAY OF MONTH	0000	0200	0400	0600	0800	1000	1200	1400	1600	1800	2000	2200	AVG	N (1)	MAX (2)
01	4.5	3.2	4.7	5.4	4.0	3.4	2.5	3.2	3.9	4.9	5.2	6.6	4.33	12	6.6
02	6.4	2.8	5.0	12.1		3.8	3.7	2.6	4.5	2.8	2.1	1.8	4.37	11	12.1
03	2.7	3.8	4.5	4.5	5.2	3.2	3.3	4.0	2.6	1.9	2.4	3.7	3.35	12	5.2
04	2.5	2.6	2.1	3.4	2.5	2.2	2.5	2.1	3.8	3.1	2.2	2.8	2.69	12	3.8
05	3.0	2.6	2.3	1.8	3.4	2.2	2.3	2.6	3.4	4.2	3.4	3.2	2.90	12	4.2
06	2.5	2.1	2.0	2.4	2.5	1.7	2.3	2.7	3.2	3.5	3.8	3.4	2.73	12	3.8
07	3.0	2.9	3.6	4.5	4.5	3.6	2.9	2.6	4.5	2.8	2.6	5.0	3.59	12	5.0
08	3.9	5.7	5.3	6.8	3.5	3.6	2.6	2.4	3.2	3.6	3.4	3.0	3.95	12	6.8
09	3.0	3.3	4.1	5.4	5.0	4.9		2.6	3.4	4.1	2.5	3.3	3.83	11	5.4
10	3.2	3.0	3.5	5.3	5.0	4.1	3.6	3.6	4.0	3.3	5.7	3.4	4.02	12	5.7
11	2.5	3.0	3.6	5.0	4.8	3.9	3.2	2.9	3.6	3.7	3.5	3.2	3.61	12	5.0
12	3.3	3.3	3.6	5.3	5.5	5.3	4.5	4.8	3.0	3.3	2.0	1.9	3.86	12	5.5
13	1.5	1.6	1.1	0.4	0.7	0.5	0.6	0.9	1.7	1.5	1.2	0.9	1.09	12	1.7
14	1.0	0.7	1.0	2.8	4.6	2.5	1.2	2.0	2.7	2.2	2.2	1.5	2.07	12	4.6
15	1.6	2.3	4.6	4.5	3.1	2.8		2.8	2.9	2.5	1.8	1.2	2.79	11	4.6
16	0.9	0.6	1.1	1.3	1.7	1.5	1.9	2.9	3.7	4.9	4.9	4.1	2.51	12	4.9
17	4.7	4.1	5.3	6.6	3.9	2.5	2.0	2.5	2.4	2.3	1.9	1.1	3.32	12	6.6
18	1.5	1.5	1.7	3.3	2.7	1.8	1.8	2.6	2.4	2.9	2.3	2.3	2.28	12	3.3
19	3.4	2.6	2.5	3.2	2.8	2.3	2.1	2.2	1.8	2.4	2.5	2.2	2.56	12	3.4
20	2.2	2.4	3.6	4.9	2.0	1.4	2.6	2.5	2.5	0.1	3.4	4.9	2.75	12	4.9
21	3.8	2.2	1.2	1.9	2.9	3.0	3.0	3.8	4.2	3.8	3.2	4.1	3.12	12	4.2
22	4.8	3.4	2.9	5.1	4.4	4.8	3.7	3.4	4.0	4.7	3.6	4.3	4.12	12	5.1
23	4.1	2.8	3.3	3.4	5.0		1.5	2.1	2.1	2.0	2.9	2.5	2.92	11	5.0
24	3.0	2.3	2.9	4.1	3.3	2.8	3.1	3.6	3.8	3.3	3.3	3.1	3.27	12	4.1
25	2.7	3.4	3.8	4.3	4.2	4.8	2.6	2.6	2.7	2.4	2.3	2.5	3.23	12	4.8
26	1.7	1.3	2.3	2.8	3.3	2.6	2.4	1.6	2.2	2.6	3.6	3.5	2.53	12	3.6
27	2.7	3.1	5.8	4.9	2.9	0.5	0.9	0.9	1.3	0.6	0.7	0.7	2.13	12	5.8
28	3.3	5.8	7.6	6.4	3.8	1.7	1.4	1.2	1.4	1.7	11.9	9.6	4.36	12	11.9
29	4.0	4.7	4.9	4.7	3.7	2.5	3.0	3.0	3.6	4.5	6.3	6.0	4.28	12	6.3
30	3.2	5.3	5.2	6.1	3.5	2.1	1.9	1.4	1.8	1.8	1.9	1.4	3.00	12	6.1
31	0.8	0.8	4.6	5.1	4.3	1.5	2.2	2.5	3.4	2.4	2.3	2.0	2.71	12	5.1
AVG	2.94	2.87	3.47	4.44	3.62	2.78	2.46	2.60	3.02	2.89	3.25	3.07	3.12		
N(3)	31	31	31	31	30	30	29	31	31	31	31	31		368	
MAX*	6.4	5.8	7.6	12.1	5.9	5.3	4.5	4.8	4.5	4.9	11.9	6.6	4.37		12.1

(1) N=NUMBER OF VALID 2-HR SPOTS
(2) MAX=MAXIMUM 2-HR COH (DY)
(3) N=DAYS WITH VALID VALUES
* MAX=MAXIMUM 2-HR COH (MO)
VALUES GREATER THAN 6.0 UNDERESTIMATE ACTUAL VALUE

TABULATED 04/10/67

CONTINUOUS AIR MONITORING PROGRAM
AISI SPOT (COH/1000 LIN.FT.)

DAY OF MONTH — TIME (STARTING HOUR) — CHICAGO ILLINOIS — APRIL/66

DAY OF MONTH	0000	0200	0400	0600	0800	1000	1200	1400	1600	1800	2000	2200	AVG	N (1)	MAX (2)
01	1.2	1.1	1.5	2.4	3.8	2.9		2.6	3.9	2.8	3.7	3.0	2.67	11	3.9
02	2.2	1.8	1.7	2.9	1.9	1.8	0.6	1.3	1.7	2.0	2.0	2.4	1.90	12	2.9
03	2.3	1.7	1.6	1.2	0.9	1.0	1.1	1.7	1.9	1.5	2.8	4.9	1.91	12	4.9
04	5.4	4.0	5.9	5.5	3.6	2.3	1.8	2.0	3.0	3.6	3.5	3.4	3.71	12	5.9
05	2.8	2.0	4.2	3.7	3.4	3.0	2.2	2.6	3.3	3.3	2.7	2.6	3.04	12	4.2
06	2.2	0.9	2.0	2.5	3.2	3.3	2.6	2.6	3.1	3.5	4.1	3.6	2.84	12	4.1
07	2.9	1.9	3.7	3.7	2.8	2.3		3.0	2.8	2.6	3.6	3.7	3.03	11	3.7
08	3.3	3.6	6.4	6.6	5.2	3.5	2.2	2.5	1.9	1.7	1.7	3.9	3.59	12	6.6
09	3.0	2.9	4.4	4.7	2.5	2.3	2.3	0.8	1.8	2.1	2.0	4.2	2.80	12	4.7
10	4.4	4.0	2.9	2.5	1.1	0.7	0.8	1.3	1.1	1.5	1.0	0.6	1.86	12	4.4
11	0.6	1.1	1.0	1.5	1.3	2.1	1.7	2.5	2.7	3.0	2.2	2.2	1.86	12	3.0
12	1.1	0.5	1.5	1.9	2.0	1.8	1.4	2.0	2.9	1.6	1.6	1.0	1.65	12	2.9
13	1.0	1.0	4.8	2.1	2.3	2.2	2.6	2.4	2.0	2.1	2.8	2.2	2.33	12	4.8
14	2.8	1.4	0.9	1.3	1.6	1.3	1.2	2.1	2.0	1.6	1.9	1.6	1.67	12	2.8
15	1.3	1.2	1.5	2.4		1.8	1.8	2.1	2.9	2.6	3.7	4.1	2.34	11	4.1
16	6.6	4.9	7.5	7.4	4.8	1.7	2.4	1.2	1.7	1.7	1.2	5.8	3.94	12	7.5
17	7.7	6.6	7.4	7.0	2.9	1.4	1.2	2.5	4.0	2.0	4.3	4.7	4.36	12	7.7
18	2.2	1.8	2.5	7.1	6.5	4.9	3.1	4.2	4.7	3.3	3.3	3.0	3.93	12	7.1
19	1.7	1.8	2.3	4.7	3.1	2.8	2.4	1.7	1.9	2.8	2.8	1.7	2.53	12	4.7
20	2.1	1.9	2.0	7.1	2.4	1.7	2.4	4.1	2.4	5.4	1.6	1.4	2.91	12	7.1
21	1.2	2.5	3.7	3.0	0.5	0.7	1.3	2.1	1.4	1.9	1.8	1.4	1.84	12	3.7
22	0.7	1.2	1.4	1.7	1.3	1.6			4.1	2.3	2.1	2.4	1.92	10	4.1
23	1.3	1.5	1.2	1.7	1.5	7.4	8.2	5.0	3.9	4.2	3.7	7.5	3.96	12	8.2
24	5.6	3.2	4.6	4.3	3.0	3.0	1.4	1.2	1.5	3.0	5.7	5.3	3.51	12	5.7
25	4.3	4.2	4.3	14.1	6.9	2.6	2.6	2.8	2.9	2.0	2.4	4.9	4.55	12	14.1
26	4.7	3.6	4.9	5.1	4.3	2.6	2.0	2.9	2.1	1.9	1.8	1.8	3.19	12	5.1
27	1.8	0.9	2.0	1.8	1.9	2.4	2.1	2.7	3.0	1.8	2.6	1.7	2.02	12	3.0
28	2.0	6.8	7.3	4.4	2.9	3.2	2.0	2.3	2.1	3.0	3.5	3.1	3.61	12	7.3
29	6.1	5.9	2.8	2.5	1.5		1.4	2.3	1.5	1.8	2.2	1.5	2.71	11	6.1
30	1.4	1.0	3.5	3.7	3.1	3.3	1.5	1.8	2.2	1.8	1.5	1.7	2.25	12	3.7
AVG	2.83	2.56	3.38	4.02	2.83	2.46	2.08	2.35	2.54	2.48	2.66	3.04	2.77		
N(3)	30	30	30	30	29	29	27	29	30	30	30	30		354	
MAX*	7.7	6.8	7.5	14.1	6.9	7.4	8.2	5.0	4.7	5.4	5.7	7.5	4.55		14.1

(1) N=NUMBER OF VALID 2-HR SPOTS
(2) MAX=MAXIMUM 2-HR COH (DY)
(3) N=DAYS WITH VALID VALUES
* MAX=MAXIMUM 2-HR COH (MO)
VALUES GREATER THAN 6.0 UNDERESTIMATE ACTUAL VALUE

TABULATED 03/21/67

CONTINUOUS AIR MONITORING PROGRAM
AISI SPOT (COH/1000 LIN.FT.)

CHICAGO ILLINOIS — MAY/66

DAY OF MONTH	TIME (STARTING HOUR) 0000	0200	0400	0600	0800	1000	1200	1400	1600	1800	2000	2200	AVG	N (1)	MAX (2)
01	4.8	4.7	4.8	3.6	1.0	0.8	0.5	0.9	0.8	1.6	1.4	0.9	2.20	12	4.8
02	0.9	1.5	1.6	1.4	1.4	0.8	0.8	1.8	2.1	2.4	3.0	3.0	1.77	12	3.0
03	2.4	2.0	2.6	3.8	2.3	1.6	1.3	1.0	0.6	0.7	1.0	6.0	2.15	12	6.0
04	6.1	4.7	2.4	1.2	1.1	1.2	1.9	1.5	2.0	2.2	1.7	1.8	2.36	12	6.1
05	1.8	1.7	2.0	2.8	1.4	1.3	1.5	1.2	2.0	2.2	3.7	3.1	2.10	12	3.7
06	2.1	1.6	2.1	2.3		0.5	0.7	0.7	1.2	0.6	0.8	0.7	1.25	11	2.3
07	0.3	0.3	0.7	4.5	1.6	1.2	1.2	1.2	1.1	1.0	0.7	0.7	1.26	12	4.5
08	0.4	0.6	0.5	0.3	0.4	0.3	0.7	0.6	0.5	0.3	0.5	0.2	0.48	12	0.7
09	0.7	0.4	1.5	1.6	1.3	1.7	1.4	1.3	1.3	0.6	1.0	0.7	1.15	12	1.7
10	1.4	0.3	0.9	0.7	0.5	0.5	0.4	1.0	1.0	0.9	0.9	0.3	0.78	12	1.4
11	0.6	0.7	1.2	0.8	0.5	0.7	0.7	1.0	0.8	0.5	0.4	0.4	0.75	12	1.2
12	0.4	0.6	1.8	1.5	1.3	0.9	1.3	1.2	1.1	1.0	1.5	0.5	1.13	12	1.8
13	0.3	0.4	0.5	1.1	0.9	0.7	1.3	0.9	1.2	1.2	1.3	1.8	1.01	12	1.8
14	1.9	1.4	1.7	2.4	0.6	0.8	0.8	0.7	0.7	0.6	1.4	1.3	1.24	12	2.4
15	1.1	2.5	3.5	1.6	1.4	1.1	0.8	1.4	1.2	1.4	1.2	1.0	1.56	12	3.5
16	1.3	1.8	2.5	2.5	1.5	0.7	0.8	0.5	1.5	1.3	1.3	4.9	1.76	12	4.9
17	2.2	1.9	2.3	2.8	1.7	0.9	1.3	1.5	1.8	1.4	1.8	3.1	1.94	12	3.1
18	4.7	2.6	1.7	1.9	1.8	1.2	1.4	0.9	1.3	1.0	1.4	1.3	1.80	12	4.7
19	0.7	0.5	1.0	1.2	1.0	1.1	0.7	0.4	0.6	0.9	1.4	0.9	0.93	12	1.4
20	0.9	1.1	1.4	1.6	1.0	0.8	1.0	1.2	1.4	1.4	1.6	1.6	1.30	12	1.6
21	1.5	1.5	2.1	1.6	1.3	0.8	1.4	0.9	0.9	0.9	1.1	1.1	1.30	12	2.1
22	1.1	0.5	0.9	0.7	0.3	0.7	0.8	0.7	0.8	1.1	1.1	1.2	0.86	12	1.2
23	1.2	1.1	1.7	2.2	1.2	0.8	1.0	1.1	1.0	1.4	0.6	1.3	1.26	12	2.2
24	0.5	0.9	1.1	1.5	1.2	0.8	0.8	0.8	0.9	1.5	3.8	2.3	1.40	12	3.8
25	1.9	1.2	1.7	1.6	1.4	0.8	1.0	1.0	1.2	1.2	1.6	2.2	1.44	12	2.2
26	4.1	4.2	4.4	3.4	1.7	1.3	0.7	0.8	0.9	1.3	1.3	0.8	2.12	12	4.4
27	1.3	1.0	1.3	1.2	1.3	0.9	0.9	1.3	1.2	1.1	0.8	0.3	1.09	12	1.3
28	0.4	1.1	0.3	0.7	0.5	1.2	1.2	1.0	1.1	0.8	0.7	0.6	0.83	12	1.2
29	0.4	0.3	0.8	0.4	0.2	0.5	0.0	0.3	0.2	1.5	2.1	1.5	0.72	12	2.1
30	1.1	0.2	0.3	0.6	0.6	0.3	0.3	0.4	0.4	0.1	1.9	1.1	0.65	12	1.9
31	0.5	0.4	0.5	1.6	1.2	0.9	0.6	0.8	0.6	1.4	2.2	1.8	1.08	12	2.2
AVG	1.58	1.40	1.67	1.77	1.12	0.89	0.94	0.96	1.07	1.14	1.45	1.56	1.30		
N(3)	31	31	31	31	30	31	31	31	31	31	31	31		371	
MAX*	6.1	4.7	4.8	4.5	2.3	1.7	1.9	1.8	2.1	2.4	3.8	6.0	2.36		6.1

(1) N=NUMBER OF VALID 2-HR SPOTS
(2) MAX=MAXIMUM 2-HR COH (DY)
(3) N=DAYS WITH VALID VALUES
* MAX=MAXIMUM 2-HR COH (MO)
VALUES GREATER THAN 6.0 UNDERESTIMATE ACTUAL VALUE

TABULATED 03/21/67

CONTINUOUS AIR MONITORING PROGRAM
AISI SPOT (COH/1000 LIN.FT.)

DAY OF MONTH | TIME (STARTING HOUR) | CHICAGO ILLINOIS | JUNE/66

DAY OF MONTH	0000	0200	0400	0600	0800	1000	1200	1400	1600	1800	2000	2200	AVG	N (1)	MAX (2)
01	1.3	1.1	0.7	0.8	0.6	0.5	0.9	1.0	1.1	1.2	0.9	1.0	0.98	12	1.3
02	4.1	2.8	2.9	2.3	1.3	1.2	1.4	1.4	1.2	1.0	1.6	1.2	1.91	12	4.1
03	1.0							1.1	1.0	1.3	1.5	1.1			
04	0.8	0.7	0.9	0.8	1.1	0.8	0.7	0.5	0.5	0.8	0.7	0.5	0.77	12	1.1
05	0.5	0.5	0.5	0.7	0.2	0.3	0.2	0.4	0.3	0.4	0.6	0.6	0.47	12	0.7
06	0.3	0.7	0.4	1.0	0.6	0.4	0.6	0.8	0.6	0.7	0.9	1.0	0.69	12	1.0
07	0.4	1.3	1.6	1.7	1.3	0.5	0.4	0.9	1.3	1.5	1.3	1.9	1.23	12	1.9
08	0.3	0.4	0.6	1.0	0.9	0.6	1.1	1.0	0.7	0.6	0.7	0.5	0.74	12	1.1
09	0.7	0.4	0.7	1.7	1.0	1.0	0.5	1.5	0.7	0.9	1.0	0.6	0.95	12	1.7
10	0.3	0.6	1.0	1.1	0.8	0.6	0.9	0.9	1.1	0.9	0.9	0.6	0.83	12	1.1
11	0.5	0.6	1.5	1.3	0.8	0.7	0.5	0.9	0.6	0.8	1.1	0.9	0.89	12	1.5
12	0.7	0.6	0.8	0.7	0.5	0.5	0.6	0.9	0.9	1.1	1.0	0.5	0.77	12	1.1
13	1.3	1.2	0.7	1.7	1.3	0.7	0.9	1.2	1.5	2.4	1.9	1.8	1.42	12	2.4
14	1.0	0.9	1.2	1.3	1.0	0.4	0.7	0.6	0.8	0.6	1.0	1.1	0.92	12	1.3
15	1.5	2.8	1.6	1.4	1.1	0.9	0.9	1.6	2.0	1.5	1.9	1.6	1.60	12	2.8
16	1.8	1.0	1.5	1.7	1.2	0.7	0.9	0.7	0.7	1.8	2.4	2.0	1.40	12	2.4
17	2.0	1.6	1.4	2.0	1.4	0.8	1.0	0.8	1.2	0.7	1.0	1.7	1.35	12	2.0
18	2.4	2.0	1.9	2.5	2.0	2.3	1.5	1.1	1.4	1.6	0.8	2.6	1.87	12	2.6
19	1.9	0.8	1.2	2.1	0.6	0.6	0.6	0.5	0.4	0.6	1.0	1.0	0.99	12	2.1
20	0.8	1.3	1.7	1.5	0.8	0.7	0.8	0.8	0.7	1.1	1.6	1.3	1.14	12	1.7
21	1.1	1.4	1.7	2.3	1.3	1.2	0.7	1.8	1.2	1.1	1.8	1.6	1.46	12	2.3
22	0.8	1.2	1.3	1.7	1.3	1.2	1.2	2.0	1.8	1.6	1.6	1.4	1.47	12	2.0
23	1.0	1.2	1.4	2.2	1.7	1.0	1.0	1.1	0.8	0.9	1.8	2.1	1.40	12	2.2
24	1.1	1.3	2.3	2.2	2.0	1.2	0.9	1.5	1.9	1.2	2.2	1.9	1.68	12	2.3
25	1.1	0.9	1.3	1.2	1.1	0.9	0.6	1.0	1.0	1.2	1.1	1.2	1.08	12	1.3
26	0.7	0.3	0.8	1.1	0.6	0.6	0.7	0.9	0.8	1.0	1.1	2.1	0.94	12	2.1
27	2.4	1.0	0.7	1.1	0.9	0.9	1.0	1.2	1.3	0.9	0.7	0.7	1.11	12	2.4
28	0.9	0.3	0.7	2.0	2.0	1.0	1.2	1.4	1.5	1.0	1.2	1.1	1.23	12	2.0
29	1.2	1.9	1.2	1.4	0.7	0.7	0.9	1.2	1.2	1.1	1.1	1.0	1.17	12	1.9
30	1.1	1.3	0.9	1.7	1.0										
AVG	1.17	1.10	1.22	1.51	1.07	0.81	0.83	1.05	1.04	1.07	1.24	1.26	1.11		
N(3)	28	28	28	28	28	28	28	28	28	28	28	28		336	
MAX*	4.1	2.8	2.9	2.5	2.0	2.3	1.5	2.0	2.0	2.4	2.4	2.6	1.91		4.1

(1) N=NUMBER OF VALID 2-HR SPOTS
(2) MAX=MAXIMUM 2-HR COH (DY)
(3) N=DAYS WITH VALID VALUES
* MAX=MAXIMUM 2-HR COH (MO)
VALUES GREATER THAN 6.0 UNDERESTIMATE ACTUAL VALUE

TABULATED 03/21/67

CONTINUOUS AIR MONITORING PROGRAM
AISI SPOT (COH/1000 LIN.FT.)

DAY OF MONTH — TIME (STARTING HOUR) — CHICAGO ILLINOIS — JULY/66

DAY OF MONTH	0000	0200	0400	0600	0800	1000	1200	1400	1600	1800	2000	2200	AVG	N (1)	MAX (2)
01															
02															
03															
04															
05															
06							1.2	1.2	1.0	1.2	1.2	1.8			
07	1.1	1.1	1.3	1.4	1.4	1.3	0.6	1.2	1.5	1.5	1.7	1.6	1.36	12	1.7
08	1.6	1.8	2.5	2.5	1.5	0.7	1.2	1.2	1.3	1.3	2.0	3.0	1.76	12	3.0
09	1.7	1.1	1.0	1.6	1.3	0.9	1.0	0.7	0.6	1.3	1.5	2.1	1.27	12	2.1
10	0.9	0.7	1.0	1.1	1.0	1.0	1.2	0.8	0.9	0.8	2.1	2.1	1.18	12	2.1
11	0.4	0.4	0.9	2.1	2.0	1.6	1.0	1.9	1.1	0.6	1.4	1.6	1.29	12	2.1
12	1.1	1.1	1.4	2.3	1.7	1.3	0.9	1.5	2.0	1.3	0.9	2.0	1.50	12	2.3
13	3.5	3.0	3.1	2.4	1.9	2.0	1.7	1.3	1.5	0.8	0.8	0.8	1.94	12	3.5
14	0.5	0.2	0.7	1.4	1.7	1.2	1.4	0.8	1.3	0.8	0.5	0.5	0.94	12	1.7
15	0.5	0.1	0.3	1.1	1.0	1.3	2.0	1.1	1.1	0.7	0.5	0.8	0.92	12	2.0
16	0.4	0.4	0.1	0.8	0.7	0.9	0.7	0.9					0.65	08	0.9
17															
18															
19															
20															
21															
22															
23															
24															
25															
26															
27															
28															
29					0.8	0.6	0.6	1.0	1.0	0.7	0.7	0.5	0.79	08	1.0
30	0.5	0.4	0.3	0.6	0.5	0.5	0.9	0.7	0.9	0.9	1.0	0.8	0.70	12	1.0
31	2.2	2.0	1.9	1.8	0.7	1.4	1.1	1.2	1.0	0.9	1.3	1.7	1.48	12	2.2
AVG															
N(3)														148	
MAX*													1.94		3.5

(1) N=NUMBER OF VALID 2-HR SPOTS
(2) MAX=MAXIMUM 2-HR COH (DY)
(3) N=DAYS WITH VALID VALUES
* MAX=MAXIMUM 2-HR COH (MO)
VALUES GREATER THAN 6.0 UNDERESTIMATE ACTUAL VALUE

TABULATED 03/21/67

CONTINUOUS AIR MONITORING PROGRAM
AISI SPOT (COH/1000 LIN.FT.)

DAY OF MONTH — TIME (STARTING HOUR) — CHICAGO ILLINOIS — AUG/66

DAY OF MONTH	0000	0200	0400	0600	0800	1000	1200	1400	1600	1800	2000	2200	AVG	N (1)	MAX (2)
01	4.2	2.7	1.9	2.0	1.8	1.2	1.2	1.1	1.1	1.0	1.0	0.8	1.72	12	4.2
02	0.8	0.7	0.8	1.5	1.1	1.2	1.2	1.3	1.3	0.6	0.5	0.6	1.02	12	1.5
03	0.3	0.4	0.6	1.4	0.8	0.6	0.9	0.9	0.7	0.8	0.4	1.4	0.79	12	1.4
04	2.4	2.2	2.8	3.1	2.2	2.0	1.4	1.2	1.3	1.1	1.0	2.8	2.00	12	3.1
05	2.6	2.8	3.0	3.4	2.4	1.5									
06															
07															
08															
09															
10															
11															
12															
13															
14															
15															
16															
17															
18															
19															
20															
21															
22															
23															
24															
25															
26															
27															
28															
29															
30															
31															
AVG															
N(3)														048	
MAX*													2.00		4.2

(1) N=NUMBER OF VALID 2-HR SPOTS
(2) MAX=MAXIMUM 2-HR COH (DY)
(3) N=DAYS WITH VALID VALUES
* MAX=MAXIMUM 2-HR COH (MO)
VALUES GREATER THAN 6.0 UNDERESTIMATE ACTUAL VALUE

TABULATED 03/21/67

CONTINUOUS AIR MONITORING PROGRAM
AISI SPOT (COH/1000 LIN.FT.)

DAY OF MONTH — TIME (STARTING HOUR) — CHICAGO ILLINOIS — SEPT/66

DAY OF MONTH	0000	0200	0400	0600	0800	1000	1200	1400	1600	1800	2000	2200	AVG	N (1)	MAX (2)
01															
02															
03															
04															
05															
06															
07															
08															
09															
10															
11															
12															
13															
14															
15															
16															
17															
18															
19															
20															
21						0.8	1.1	1.2	1.1	1.1	1.9	1.9	1.34	07	1.9
22	1.5	0.9	1.3	1.6	1.3	0.9	0.6	1.0	0.6	0.9	0.8	1.0	1.07	12	1.6
23	0.5	0.5	1.1	1.5	1.5	0.9	0.8	1.4	1.3	1.2	1.1	1.4	1.13	12	1.5
24	1.6	1.9	2.3	2.8	1.2	0.9	0.9	1.0	0.8	1.1	0.9	1.1	1.41	12	2.8
25	1.3	1.2	0.8	0.9	2.1	1.2	0.4	0.4	0.4	0.6	0.4	0.3	0.87	12	2.1
26	0.3	3.2	4.3	3.6	3.2	0.8	0.9	0.7	1.2	1.2	1.1	0.4	1.79	12	4.3
27	0.5	0.8	0.2	3.5	3.0	2.1	1.3	1.0	0.8	1.3	4.4	2.8	1.82	12	4.1
28	2.2	2.1	2.2	3.4	1.7	1.1	0.6	0.8	1.0	1.3	1.7	0.8	1.62	12	3.4
29	1.1	1.1	0.6	0.8	0.9	1.6	1.0	1.5	1.4	1.1	1.3	1.4	1.19	12	1.6
30	1.3	1.1	2.5	3.1	2.7	1.2	0.8	1.0	1.6	1.6	2.3	2.3	1.84	12	3.1
AVG															
N(3)														115	
MAX*													1.84		4.3

(1) N=NUMBER OF VALID 2-HR SPOTS
(2) MAX=MAXIMUM 2-HR COH (DY)
(3) N=DAYS WITH VALID VALUES
* MAX=MAXIMUM 2-HR COH (MO)
VALUES GREATER THAN 6.0 UNDERESTIMATE ACTUAL VALUE

TABULATED 03/21/67

CONTINUOUS AIR MONITORING PROGRAM
AISI SPOT (COH/1000 LIN.FT.)

CHICAGO ILLINOIS — OCT/66

DAY OF MONTH	TIME (STARTING HOUR) 0000	0200	0400	0600	0800	1000	1200	1400	1600	1800	2000	2200	AVG	N (1)	MAX (2)
01	1.2	1.1	1.5	1.8	1.5	1.3	1.9	1.2	1.2	1.6	3.2	1.4	1.61	12	3.2
02	1.3	1.4	1.0	1.4	0.5	0.4	0.5	0.7	0.9	1.9	1.0	0.7	1.03	12	1.9
03	0.7	1.2	1.7	2.9	1.3	0.7	0.9	1.1	1.3	1.0	0.9	0.8	1.25	12	2.9
04	0.4	0.6	0.9	1.2	1.1	0.7	0.4	0.9	0.9	1.2	1.2	0.9	0.89	12	1.2
05	0.7	1.6	1.5	2.2	1.4	1.2	1.1	1.1	1.3	1.4	2.4	2.3	1.55	12	2.4
06	3.0	4.6	2.9	2.1	0.9	1.2	1.0	1.0	1.1	1.8	1.1	1.1	1.86	12	4.6
07	0.7	1.6	1.8	1.9	1.7	1.3	1.0	1.1	1.2	1.5	1.4	1.1	1.41	12	1.9
08	0.5	0.8	1.2	1.3	1.2	0.9	0.8	0.8	1.0	0.8	0.8	0.8	0.94	12	1.3
09	0.7	1.0	1.0	1.1	0.6	0.4	0.8	0.7	0.8	0.9	0.9	0.6	0.83	12	1.1
10	0.3	0.9	1.5	2.3	1.4	1.2	1.3	1.2	1.1	1.2	1.0	0.9	1.29	12	2.3
11	0.9	1.3	2.0	2.5	1.7	1.0	0.7	1.1	1.2	2.4	2.4	2.3	1.66	12	2.5
12	1.9	2.4	4.6	4.3	2.0	1.0	1.1	2.0	1.9	1.0	1.4	1.4	2.13	12	4.6
13	2.0	1.1	1.8	3.1	2.7	1.7	1.2	1.8	2.2	2.4	1.9	0.9	1.94	12	3.1
14	0.7	0.5	1.2	1.6	1.5	1.3	1.1	1.7	1.1	0.7	0.7	0.2	1.06	12	1.7
15	0.4	0.7	1.1	0.6	0.8	0.8	0.4	0.7	0.7	0.8	0.5	0.3	0.70	12	1.1
16	0.6	1.2	1.2	0.7	0.7	1.2	0.8	1.0	0.8	1.1	0.8	1.4	0.99	12	1.4
17	1.0	1.9	3.0	1.7	1.2	1.2	1.4	1.2	1.6	2.6	2.4	1.7	1.79	12	3.0
18	1.7	2.8	3.4	2.4	1.2	0.7	0.7	1.1	0.8	1.2	2.2	1.1	1.63	12	3.4
19	1.4	2.1	2.7	1.9	1.4	1.9	1.7	2.4	1.7	2.1	1.8	2.3	1.98	12	2.7
20	3.0	3.5	4.0	3.0	1.2	0.9	1.4	1.2	1.5	1.4	1.3	1.1	1.97	12	4.0
21	1.2	1.6	1.9	1.2	0.6	1.0	1.2	1.1	1.2	0.9	0.9	0.8	1.18	12	1.9
22	1.0	0.8	1.0	1.0	0.5	0.8	0.7	0.5	0.8	0.9	0.9	1.1	0.87	12	1.1
23	1.1	1.0	1.3	2.2	2.0	0.7	0.7	0.5	0.9	1.5	1.1	1.0	1.21	12	2.2
24	0.9	1.6	2.5	5.7	2.8	1.2	0.6	1.0	1.3	1.4	0.8	0.7	1.75	12	5.7
25	0.5	3.2	2.5	3.2	4.2	1.3	1.0	1.1	1.2	0.9	2.1	3.9	2.13	12	4.2
26	2.8	2.8	2.8	3.8	2.6	1.3	1.1	1.5	1.8	3.4	4.2	1.8	2.53	12	4.2
27	1.0	1.1	2.0	2.5	1.5	1.2	1.0	1.0	1.1	1.6	1.5	1.5	1.46	12	2.5
28	1.6	1.5	1.0												
29															
30															
31															
AVG	1.17	1.64	2.00	2.20	1.48	1.05	0.98	1.13	1.20	1.46	1.50	1.27	1.41		
N(3)	27	27	27	27	27	27	27	27	27	27	27	27		324	
MAX*	3.0	4.6	4.6	5.7	4.2	1.9	1.9	2.4	2.2	3.4	4.2	3.9	2.53		5.7

(1) N=NUMBER OF VALID 2-HR SPOTS
(2) MAX=MAXIMUM 2-HR COH (DY)
(3) N=DAYS WITH VALID VALUES
* MAX=MAXIMUM 2-HR COH (MO)
VALUES GREATER THAN 6.0 UNDERESTIMATE ACTUAL VALUE

TABULATED 03/21/67

CONTINUOUS AIR MONITORING PROGRAM
AISI SPOT (COH/1000 LIN.FT.)

DAY OF MONTH — TIME (STARTING HOUR) — CHICAGO ILLINOIS — NOV/66

DAY OF MONTH	0000	0200	0400	0600	0800	1000	1200	1400	1600	1800	2000	2200	AVG	N (1)	MAX (2)
01															
02															
03															
04															
05															
06															
07															
08															
09															
10															
11															
12															
13															
14															
15															
16															
17															
18															
19															
20															
21															
22															
23															
24															
25															
26															
27															
28															
29															
30															
AVG															
N(3)														000	
MAX*													0.00		0.0

(1) N=NUMBER OF VALID 2-HR SPOTS
(2) MAX=MAXIMUM 2-HR COH (DY)
(3) N=DAYS WITH VALID VALUES
* MAX=MAXIMUM 2-HR COH (MO)
VALUES GREATER THAN 6.0 UNDERESTIMATE ACTUAL VALUE

TABULATED 03/21/67

CONTINUOUS AIR MONITORING PROGRAM
AISI SPOT (COH/1000 LIN.FT.)

DAY OF MONTH — TIME (STARTING HOUR) — CHICAGO ILLINOIS — DEC/66

DAY OF MONTH	0000	0200	0400	0600	0800	1000	1200	1400	1600	1800	2000	2200	AVG	N (1)	MAX (2)
01															
02						0.7	1.7	1.6	1.6	1.6	2.0	2.1	1.65	07	2.1
03	1.6	1.7	1.7	2.8	2.5	2.8	1.7	1.9	2.4	3.0	2.6	1.8	2.25	12	3.0
04	1.5	1.5	1.7	2.2	1.7	2.0	2.0	2.5	2.3	2.1	2.7	3.1	2.15	12	3.1
05	3.2	2.9	2.3	3.0	3.3	1.5	1.2	1.4	1.9	1.2	1.3	1.3	2.08	12	3.3
06	1.1	1.2	2.5	2.7	2.0	1.3	1.4	1.4	1.8	1.0	1.8	2.3	1.75	12	2.7
07	1.8	1.0	3.0	1.7	1.4	1.4	2.3	2.4	2.4	1.8	1.8	1.1	1.89	12	3.0
08	1.1	1.4	1.1	1.9	2.0	1.6	1.3	1.4	1.6	1.5	1.1	1.3	1.49	12	2.0
09	1.0	1.4	1.9	2.3	2.3	1.8	1.9	2.1	1.9	1.3	1.1	0.8	1.68	12	2.3
10	0.8	1.2	1.6	1.8	2.7	2.6	2.2	2.1	2.0	1.6	1.4	1.2	1.83	12	2.7
11	1.2	1.3	1.2	1.1	1.6	2.1	2.0	1.9	0.6	1.0	1.9	3.1	1.62	12	3.1
12	3.3	4.2	3.2	3.0	2.4	1.9	1.9	2.7	2.5	2.6	2.7	2.1	2.75	12	4.2
13	2.3	1.8	1.6	1.8	2.1	2.0	1.6	2.3	2.4	2.5	2.3	1.6	2.07	12	2.5
14	1.3	1.6	2.2	3.1	2.9	2.3	2.2	2.1	2.9	2.5	2.6	2.0	2.35	12	3.1
15	1.9	2.9	3.5	4.1	3.7	2.7	2.2	2.3	2.3	2.3	2.5	2.2	2.75	12	4.1
16	1.9	1.9	2.0	2.5	2.6	2.1	1.8	2.3	1.9	1.8	1.8	1.3	2.04	12	2.6
17	1.2	0.9	1.3	2.1	2.7	2.8	2.6	3.1	2.7	2.9	2.6	3.7	2.43	12	3.7
18	3.9	3.0	4.2	4.6	4.1	1.5	1.1	1.1	1.0	1.3	1.1	0.8	2.35	12	4.6
19	0.7	0.6	0.7	1.5	3.5	3.2	1.9	2.1	2.3	1.9	1.9	1.4	1.84	12	3.5
20	1.3	0.8	1.3	2.0	2.0	1.8	2.1	1.6	1.9	1.7	1.6	1.3	1.67	12	2.1
21	1.8	1.7	1.8	3.3	2.0	1.3	2.2	2.1	2.7	3.1	2.3	2.5	2.27	12	3.3
22	2.0	2.3	2.5	2.6	3.0	2.5	2.0	2.1	2.7	2.8	2.9	2.3	2.51	12	3.0
23	1.	1.8	2.0	3.5	3.6	2.8	2.2	2.6	2.2	2.4	2.5	2.4	2.53	12	3.6
24	2.3	2.2	2.2	3.1	3.4	2.0	1.7	1.9	2.3	2.2	2.0	1.8	2.31	12	3.4
25	1.5	1.2	1.7	1.9	1.8	1.5	1.2	1.0	1.3	1.7	1.9	2.1	1.62	12	2.1
26	1.5	2.2	2.2	2.9	3.8	1.9	1.9	1.9	2.1	2.3	2.2	2.4	2.33	12	3.8
27	2.6	2.9	4.3	5.6	6.1	3.9	2.2	1.8	1.3	0.8	0.9	0.9	2.82	12	6.1
28	0.7	0.7	0.6	1.7	2.2	2.4	1.7	1.5	1.3	1.0	1.7	1.2	1.43	12	2.4
29	1.2	0.9	1.6	1.9	2.0	2.1	1.6	2.2	2.1	2.1	2.3	2.3	1.91	12	2.3
30	2.1	2.5	2.4	3.3	2.6	1.8	0.9	1.4	1.9	2.9	2.4	2.1	2.24	12	3.3
31	1.7	1.5	1.7	1.7	2.0	1.8	1.7	2.2	2.1	1.5	1.1	1.7	1.76	12	2.2
AVG	1.73	1.75	2.03	2.61	2.58	2.07	1.81	1.96	2.01	1.94	1.96	1.87	2.03		
N(3)	30	30	30	29	29	30	30	30	30	30	30	30		355	
MAX*	3.9	4.2	4.3	5.6	6.1	3.9	2.6	3.1	2.9	3.1	2.9	3.7	2.82		6.1

(1) N=NUMBER OF VALID 2-HR SPOTS
(2) MAX=MAXIMUM 2-HR COH (DY)
(3) N=DAYS WITH VALID VALUES
* MAX=MAXIMUM 2-HR COH (MO)
VALUES GREATER THAN 6.0 UNDERESTIMATE ACTUAL VALUE

NATIONAL AIR SURVEILLANCE NETWORKS

CONTINUOUS AIR MONITORING PROGRAM

1966 DATA TABULATIONS AND SUMMARIES

CINCINNATI

Air Quality and Emissions Data Branch
National Center for Air Pollution Control

Bureau of Disease Prevention and Environmental Control
Public Health Service
U.S. Department of Health, Education, and Welfare

A

The Continuous Air Monitoring Program is the National Air Surveillance Network which operates six continuous monitoring stations in major cities throughout the country. The data tabulations in this booklet are summaries of hourly concentrations of gaseous pollutants and 2-hourly summaries of soiling index levels in Cincinnati during 1966. Also enclosed is a brief summary of monthly means and maxima in Cincinnati, and annual frequency distributions of data from all stations.

Booklets of 1966 data summaries for Chicago, Denver, Philadelphia, St. Louis, and Washington D.C. are available. Similar data summaries have been or shortly will be published along with various analyses and interpretive material, for previous years' operations. Analyses of 1966 data will be published in the 1966 Annual Report of all National Air Surveillance Activities.

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Total Oxidant	68
Soiling Index	80

NATIONAL AIR SURVEILLANCE NETWORKS
THE CONTINUOUS AIR MONITORING PROGRAM

MONTHLY MEAN AND MAXIMA SUMMARY
CINCINNATI

Month	Days Valid Data	Mo. Avg. Conc.	Max. 24 Hr. Conc. Conc.	Day	Max Hrly. Avg. Conc. Conc.	Day	Hr.	Max. 5 Min. Inst. Conc. Conc.	Day	Time
CARBON MONOXIDE										
Jan	14	a ppm	5 ppm	26	8 ppm	24	09	11 ppm	14	2325
Feb	4	a	6	2	10	1	13	20	1	1355
Mar	27	3.9	9	5	11	5	21	18	22	2115
Apr	27	3.4	6	22	10	2	22	25	2	2245
May	31	5.0	8	13	13	27	07	24	14	2355
June	29	6.6	9	30	15	30	22	21	11	2200
July	30	6.2	9	2	15	2	00	18	2	0105
Aug	30	5.6	8	6	13	6	22	19	26	2315
Sept	21	5.5	9	17	16	16	22	20	26	1635
Oct	31	4.8	9	24	20	24	09	28	20	2250
Nov	24	4.0	8	9	19	14	19	32	28	1230
Dec	16	4.1	6	27	11	27	09	20	3	2245
Year	284	4.9	9		20			32		
NITRIC OXIDE										
Jan	19	0.030 ppm	0.11 ppm	4	0.26 ppm	4	09	0.32 ppm	4	0900
Feb	27	0.037	0.14	12	0.41	12	08	0.48	12	0855
Mar	22	0.035	0.14	15	0.49	15	00	0.52	14	2340
Apr	17	a	0.06	17	0.26	3	01	0.28	3	0100
May	20	0.024	0.05	15	0.18	10	07	0.24	10	0720
June	24	0.037	0.08	18	0.24	30	23	0.27	30	2315
July	28	0.021	0.07	2	0.23	2	01	0.26	2	0040
Aug	10	a	0.13	30	0.31	30	07	0.33	30	0710
Sept	12	a	0.13	17	0.41	17	07	0.44	17	0720
Oct	30	0.072	0.36	24	1.00	24	09	1.18	24	0855
Nov	26	0.061	0.31	14	0.76	14	19	0.86	14	1930
Dec	29	0.043	0.17	27	0.56	27	09	0.58	27	0910
Year	264	0.041	0.36		1.00			1.18		
NITROGEN DIOXIDE										
Jan	27	0.021 ppm	0.08 ppm	15	0.06 ppm	13	10	0.06 ppm	9	1150
Feb	28	0.032	0.04	8	0.06	1	19	0.08	1	2010
Mar	24	0.037	0.06	10	0.09	21	13	0.12	21	1355
Apr	21	0.038	0.05	17	0.08	17	08	0.08	17	0805
May	24	0.040	0.06	21	0.10	27	08	0.12	27	0755
June	27	0.048	0.07	25	0.17	23	08	0.20	23	0855
July	25	0.038	0.06	2	0.11	28	16	0.16	28	1630
Aug	31	0.042	0.08	31	0.16	19	09	0.18	19	0915
Sept	17	a	0.05	10	0.09	10	21	0.10	9	0855
Oct	31	0.040	0.09	28	0.23	27	10	0.30	24	1005
Nov	25	0.035	0.07	14	0.18	14	11	0.20	14	1120
Dec	30	0.029	0.05	27	0.08	27	09	0.08	27	0025
Year	310	0.036	0.09		0.23			0.30		

Month	Days Valid Data	Mo. Avg. Conc.	Max. 24 Hr. Conc. Conc.	Day	Max. Hrly. Avg. Conc. Conc.	Day	Hr.	Max. 5 Min. Inst. Conc. Conc.	Day	Time
SULFUR DIOXIDE										
Jan	30	0.046 ppm	0.10 ppm	31	0.24 ppm	4	1700	0.35 ppm	4	1655
Feb	26	0.029	0.07	3	0.23	8	1300	0.70	8	1345
Mar	20	0.032	0.06	21	0.25	21	1700	0.44	21	1745
Apr	19	0.021	0.06	5	0.19	21	0400	0.32	21	0430
May	21	0.019	0.06	11	0.14	11	1900	0.24	11	1930
June	25	0.019	0.05	15	0.18	15	2100	0.33	15	2150
July	31	0.021	0.04	9	0.23	9	0800	0.34	2	1025
Aug	29	0.031	0.06	15	0.27	15	2000	0.48	15	2050
Sept	22	0.034	0.06	12	0.15	24	1900	0.53	24	1905
Oct	31	0.029	0.05	26	0.21	13	1800	0.51	13	1440
Nov	30	0.040	0.09	9	0.32	17	1900	0.63	6	1010
Dec	28	0.043	0.14	7	0.42	6	2000	0.55	6	2115
Year	312	0.031	0.14		0.42			0.70		
TOTAL HYDROCARBON										
Jan	19	2.31 ppm	4.6 ppm	4	8.2 ppm	4	2000	10.5 ppm	4	2015
Feb	0									
Mar	29	2.43	3.9	15	9.7	22	2100	12.8	15	0120
Apr	28	2.67	4.3	15	8.4	15	0800	9.6	26	0610
May	31	2.78	4.1	27	7.4	23	0500	8.6	23	0450
June	30	2.96	3.9	3	6.4	23	0700	7.6	23	0755
July	26	2.41	3.6	25	6.8	2	0000	7.1	2	0010
Aug	28	2.95	4.3	31	7.1	4	1600	8.8	4	1610
Sept	0									
Oct	0									
Nov	0									
Year	191	a	4.6		9.7			12.8		
TOTAL OXIDANT										
Jan	15	b ppm	0.03* ppm	23	0.06* ppm	23	1400	0.06* ppm	5	1605
Feb	19	b	0.03	9	0.05	2	1300	0.05*	2	1300
Mar	16	b	0.02	11	0.05	15	1400	0.06	15	1430
Apr	9	b	0.04*	18	0.07	17	1200	0.07*	18	1100
May	17	a	0.04	1	0.08	8	1100	0.08	8	1055
June	16	a	0.05	18	0.10	30	1200	0.10	30	1155
July	19	0.038	0.06	25	0.10	14	1200	0.11	14	1210
Aug	10	a	0.03	29	0.07	28	1100	0.08	28	1150
Sept	12	a	0.03	17	0.06	14	1500	0.06	14	1405
Oct	26	0.023	0.03	24	0.07	28	1400	0.08*	28	1425
Nov	25	b	0.03*	17	0.05*	16	1200	0.07*	26	1550
Dec	24	b	0.03*	18	0.04*	18	1300	0.04*	18	1220
Year	208	b	0.06		0.10			0.11		

*Excluding higher levels occurring before 1100 or after 1655

[a]Average not calculated because of insufficient or poorly distributed data

[b]Average not reported because of undue influence from non-photochemical high levels

CONTINUOUS AIR MONITORING PROGRAM

FREQUENCY DISTRIBUTION OF CONCENTRATION OF GASEOUS ATMOSPHERIC POLLUTANTS

(FIVE MINUTE DATA VALUES)

JAN. 01,1966 TO DEC. 31,1966

(CONCENTRATION IN PPM)

	% VALID DATA	FREQUENCY DISTRIBUTION-PERCENT									ARITH
		MIN	10	30	50	70	90	95	98	99	MAX	MEAN
CINCINNATI												
CARBON MONOXIDE	74	0	2	3	5	6	8	9	11	13	32	4.9
NITRIC OXIDE	66	.00	.00	.01	.02	.04	.10	.16	.25	.33	1.18	.041
NITROGEN DIOXIDE	75	.00	.02	.03	.03	.04	.06	.07	.09	.10	.30	.035
SULFUR DIOXIDE	82	.00	.00	.01	.02	.03	.07	.09	.13	.18	.70	.031
HYDROCARBON	51	.4	1.8	2.1	2.3	2.7	4.1	4.9	5.0	6.6	12.9	2.87
TOTAL OXIDANT	51	.00	.01	.01	.02	.03	.04	.05	.07	.08	.11*	.021
CHICAGO												
CARBON MONOXIDE	57	0	5	9	11	15	21	25	30	33	65	12.5
NITRIC OXIDE	74	.00	.02	.05	.09	.13	.20	.24	.31	.37	.74	.101
NITROGEN DIOXIDE	77	.00	.03	.04	.05	.06	.09	.11	.13	.15	.35	.036
SULFUR DIOXIDE	70	.00	.00	.01	.03	.09	.25	.34	.48	.57	1.14	.084
HYDROCARBON	73	.0	1.7	2.2	2.6	3.0	4.0	4.7	5.9	6.6	14.9	2.78
TOTAL OXIDANT	58	.00	.00	.01	.02	.03	.04	.05	.07	.08	.23	.020
PHILADELPHIA												
CARBON MONOXIDE	97	0	3	5	6	8	11	12	15	17	47	6.7
NITRIC OXIDE	86	.00	.01	.02	.03	.06	.13	.18	.29	.42	1.98	.059
NITROGEN DIOXIDE	98	.00	.02	.03	.03	.04	.07	.08	.10	.11	.29	.038
SULFUR DIOXIDE	85	.00	.02	.04	.06	.10	.21	.28	.37	.44	.87	.091
HYDROCARBON	84	.0	1.7	2.0	2.2	2.6	3.5	4.2	5.3	6.3	14.4	2.46
TOTAL OXIDANT	76	.00	.01	.02	.02	.04	.07	.09	.12	.15	.38*	.032
DENVER												
CARBON MONOXIDE	84	0	2	5	7	9	14	17	22	27	63	7.8
NITRIC OXIDE	82	.00	.00	.01	.02	.04	.09	.14	.20	.26	.59	.038
NITROGEN DIOXIDE	87	.00	.02	.02	.03	.04	.05	.06	.09	.10	.35	.034
SULFUR DIOXIDE	92	.00	.00	.00	.01	.01	.02	.03	.05	.07	.96	.011
HYDROCARBON	84	.5	1.5	1.7	2.0	2.5	3.7	4.6	5.9	7.1	19.1	2.38
TOTAL OXIDANT	75	.00	.01	.01	.02	.04	.06	.07	.10	.12	.27*	.029
ST. LOUIS												
CARBON MONOXIDE	88	0	2	4	5	7	10	13	16	19	68	5.7
NITRIC OXIDE	78	.00	.00	.01	.02	.04	.08	.12	.17	.22	.61	.032
NITROGEN DIOXIDE	82	.00	.01	.02	.03	.04	.06	.07	.08	.09	.21	.034
SULFUR DIOXIDE	72	.00	.00	.01	.03	.05	.10	.14	.17	.23	1.25	.042
HYDROCARBON	81	.0	2.0	2.4	2.8	3.3	4.4	5.3	6.4	7.2	14.3	3.02
TOTAL OXIDANT	70	.00	.01	.02	.03	.05	.07	.08	.10	.11	.25	.036
WASHINGTON D.C.												
CARBON MONOXIDE	90	0	1	2	3	4	6	7	10	14	47	3.2
NITRIC OXIDE	85	.00	.00	.01	.02	.03	.08	.14	.25	.35	1.15	.036
NITROGEN DIOXIDE	72	.00	.02	.03	.03	.04	.06	.07	.08	.09	.19	.035
SULFUR DIOXIDE	68	.00	.01	.02	.03	.05	.09	.12	.17	.21	.47	.044
HYDROCARBON	89	.0	1.8	2.0	2.2	2.4	2.9	3.6	4.8	6.2	14.5	2.37
TOTAL OXIDANT	79	.00	.01	.01	.02	.03	.06	.07	.10	.11	.17*	.028

*Excluding higher levels occuring betore 1100 or after 1655

CONTINUOUS AIR MONITORING PROGRAM

FREQUENCY DISTRIBUTIONS OF SOILING INDEX

2 HR MEASUREMENTS

ANNUAL 1966 (JANUARY 1 TO DECEMBER 31)

COHS/1000 LIN. FT.

CITY	VALID DATA*	FREQUENCY DISTRIBUTION-PERCENT										ARITH MEAN
		MIN	10	30	50	70	90	95	98	99	MAX	
CHICAGO	70	.0	.7	1.2	1.8	2.7	4.4	5.5	7.1	8.7	16.4	2.29
CINCINNATI	80	.0	.3	.7	1.0	1.4	2.3	2.8	3.6	4.1	8.5	1.18
PHILADELPHIA	60	.0	.2	.4	.7	1.0	2.0	2.8	3.9	4.9	11.2	.96
ST LOUIS	90	.0	.4	.7	1.0	1.3	2.2	2.7	3.6	4.4	13.1	1.18
WASHINGTON, D C	95	.0	.2	.4	.7	1.1	1.9	2.5	3.3	4.0	11.1	.92

* REPORTED TO NEAREST FIVE PERCENT

VALUES GREATER THAN 6.0 UNDERESTIMATE ACTUAL VALUE

DATA TABLES

GASEOUS POLLUTANTS

The first 72 data tables present hourly average concentrations by month for the gaseous pollutants. Values in these tables are the arithmetic means of the 5-minute values in the clock hour indicated. An average is not calculated if the hour is considered an invalid data hour, i.e., if fewer than seven 5-minute values were valid. Similarly, if a calendar day had fewer than 13 valid data hours, it is considered an invalid data day and the entire row of averages for that day is deleted. The reason for this procedure, which results in the loss of a few valid hourly averages, is that the data that are thus lost are usually concentrated at the beginning or end of the day. Since pollutant concentrations show considerable diurnal variation, the inclusion of data for such days would introduce a definite bias into the monthly mean concentrations.

The first summary line at the bottom of the tables (titled MEAN) contains the arithmetic means of the hourly averages, and hence represents the pattern of diurnal variation for the month. Again by the same validity criterion, this average is not calculated unless 16 or more hourly averages are present. The second and third summary lines are the number of and maximum of the hourly averages in the column.

The first summary column at the right of the tables (titled DAILY MEAN) is the arithmetic mean* of the 13 or more hourly averages comprising the row, and the second is the number of such valid hourly averages. The third summary column, however, is not the maximum hourly average for the day, but the maximum 5-minute value included in the hours of valid data during the day.

Four summary figures appear in the lower right corner. The upper left is the monthly average, an arithmetic mean, and appears only if 16 or more days were valid (a valid data month). The center number is the total number of valid hours included in the table, which offers some basis for judging the representativeness of the monthly average. The lower left summary number is the maximum daily average from the column above. The lower right number is the maximum 5-minute value from the column above.

SOILING INDEX

The last 12 tables present soiling index values at the CAMP station by month. Each value was obtained from a 2-hour integrated sample beginning

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*The summary calculations are performed before the hourly averages are rounded.

at the time indicated in the column heading. A missing value indicated that the sample was not taken or was invalid because of instrument malfunction.

The first summary line (titled MONTHLY MEAN) represents the arithmetic mean of the 2-hour average values in the column, and is calculated only if 16 or more days are represented. The first summary column (titled DAILY MEAN) is the arithmetic mean of the 2-hour values for the day; if fewer than seven such values are present, the daily mean is not calculated, and the data are not included in the summaries, but the component 2-hour values for the day are not deleted from the table as is done with the data on gaseous pollutants.

The other summary columns and rows are the number of and maximum of the respective 2-hour values. Four summary figures appear in the lower right corner; the mean and maximum value for the month are the upper left and lower right figures respectively, while the center figure is the total number of values. The lower left summary number is the maximum daily average from the column above.

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONCENTRATION IN PPM
INFRARED ANALYSIS

CINCINNATI, OHIO

CARBON MONOXIDE
JAN. 1966

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN MAX
1*																											
2*																											
3																											
4																											
5																											
6																											
7																											
8*																											
9*																											
10										2		3	4	3	3	4	4	5	4	2	3	3	3	2	3.2	14	7
11	1	2	1	2	2	2	2	2	3	3	4	4	4	4	4	3	4	5	3	3	3	2	1	1	2.6	24	9
12	1	1	1	1	1	1	1	1	1	2	2	3	3	3	3	3	4	4	2	2	2	3	2	3	2.1	24	7
13	3	2	2	2	2	2	3	2	2	3	2	2	2	1	2	2	2	2	2	1	1	2	2	2	1.9	24	5
14	1	1	1	1	2	2	2	2	1	2	3	3	3	3	4	4	5	4	4	5	4	2	4	6	2.9	24	11
15*	5	5	4	4	3	4	5	7	3	5	5	3	2	2	2	3	2	2	2	2					3.5	20	11
16*																											
17																											
18																											
19		0	0	0	0	0	0	1	0	1	4	4	4	4	4										1.5	14	6
20																											
21																											
22*																											
23*																											
24										8	8	6	6	5	6	6	5	4	3	2	3	3	2	3	4.6	15	10
25	3	3	2	4	3	4	4	5	5	5	5	5	6	7	7	6	6	5	5	4	4	4	4	4	4.5	24	9
26	4	4	4	4	4	3	4	5	4	5	6	6	7	6	6	7	7	5	5	5	5	4	3	5	4.9	24	10
27	4	4	4	2	3	4	3	4	4	5	5	6	6	5	5	6	5	4	3	3	3	3	3	3	4.0	24	7
28	3	3	3	3	3	3	3	4	3		4	4	5	5	5	6	6	5	3	4	4	4	3	3	3.9	23	10
29*	3	3	2	2	2	2	2	2	2	2	2	4	3	4	4	3	2	2	2	2	2	1	2	2	2.4	24	7
30*	1	1	1	1	1	1	2	1	1	2	1	1	1	1	3	3	4	2	3	2	2	2	2	1	1.8	24	7
31																											
MEAN	11	12	12	12	12	12	12	12	12	13	13	14	14	14	14	13	13	13	13	13	12	12	12	12		302	
NO	5	5	4	4	4	4	5	7	5	8	8	6	7	7	7	7	7	5	5	5	5	4	4	6	4.9		11
MAX																											

* Indicates Saturday or Sunday
Local standard time used

TABULATED THU., MAR. 16, 1967

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONCENTRATION IN PPM
INFRARED ANALYSIS

CINCINNATI, OHIO

CARBON MONOXIDE
FEB. 1966

DAY OF MONTH	AM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	PM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN MAX
1												4	6	10	9	9	6	5	5	4	4	4	4	4	5.5	13	20
2	4	4	4	4	4	4	4	4	4	5	5	5	6	6	6	5	6	6	7	7	6	5	5	5	4.9	24	18
3	5	5	4	4	4	4	4	5	4	5	5	5	6	6	5	5	5	5	5	5	4	4	3	3	4.7	24	9
4	3	3	3	2	3	2	2	4	4	3	4	4	5	4	4										3.4	15	8
5*																											
6*																											
7																											
8																											
9																											
10																											
11																											
12*																											
13*																											
14																											
15																											
16																											
17																											
18																											
19*																											
20*																											
21																											
22																											
23																											
24																											
25																											
26*																											
27*																											
28																											
MEAN	3	3	3	3	3	3	3	3	3	3	3	4	4	4	4	3	3	3	3	3	3	3	3	3		76	
NO.	5	5	4	4	4	4	4	3	4	5	5	5	6	10	9	9	6	6	7	7	6	5	5	5	5.5		20
MAX.																											

* Indicates Saturday or Sunday
Local standard time used

TABULATED THU.. MAR. 16, 1967

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CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONCENTRATION IN PPM
INFRARED ANALYSIS

CINCINNATI, OHIO

CARBON MONOXIDE
MARCH 1966

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN MAX
1																											
2																											
3																											
4																											
5*	7	8	8	8	8	9	9	9	9	10	10	10	9	9	10	9	10	9	9	9	10	11	10	10	9.1	24	13
6*	10	9	9	9	8	8	9	9	9	9	10	9	9	9	11	11	11	11	9	8	8	8	7	8	9.0	24	13
7	8	7	7	8	8	8	8	8	8	9								3	2	2	2	2	2	2	5.6	17	11
8	3	3	3	3	3	3	3	4	4	4			4	3	3	5	5	5	4	2	2	4	5	2	3.4	22	8
9	2	1	0	0	0	0	0	1	1	2	3	2	3	3	4	5	4	5	6	7	9	7	5	4	3.1	24	16
10	5	5	3	3	3	3	4	5	5	5	4	4	3	3	4	5	5	6	6	6	5	6	5	5	4.4	24	10
11	4	5	4	5	5	5	5	6	5	5	4	3	3	3	3	3	3	4	5	7	7	7	7	5	4.6	24	11
12*	6	5	5	4	4	4	4	4	4	5	5	4	4	4	3	3	4	4	5	5	4	4	4	4	4.1	24	8
13*	3	3	3	3	2	3	4	3	3	4	4	3	3	3	3	4	4	4	3	4	3	4	3	3	3.2	24	6
14	2	2	2	2	2	2	2	3	3	4	3		5	4	3	4	4	4	5	5	6	7	9	11	4.0	23	14
15	10	8	5	6	6	5	6	6	8	5	2	2	2	3	3	3	4	4	4	4	5	4	4	3	4.6	24	11
16	3	3	3	2	3	3	3	4	3		3	3	3	3	3	3	4	3	4	6	5	5	5	5	3.5	23	10
17	4	6	7	6	6	5	8	9	9	5	4	4	4	4	3	3	4	4	4	5	6	5	4	4	5.1	24	13
18	3	3	3	3	3	3	4	4	4	3	2	2	2	2			3	5	4	5	5	4	4	4	3.3	22	11
19*	4	4	3	3	2	2	3	3	3	2	2	1	2	2	2	2	3	4	3	4	4	4	3	3	2.9	24	7
20*	3	2	2	1	1	1	2	3	3	3	3	4	5	5	5	5	5	4	5	7	9	8	8	7	4.2	24	14
21	5	4	3	3	3	4	4	5	5	4	4	6	4	7	10	5	4	5	6	7	6	4	3	2	4.7	24	16
22	3	2	2	1	2	2	3	3	2	2	2	3	2		1	1	1	2	2	3	5	10	4	3	2.5	23	18
23	2	2	2	2	2	2	2	2	2	1	2	1	1		2	2	2	2	2	2	1	1	1	2	1.7	23	4
24	1	1	1	2	2	2	2	2	2	2	3	3	2	2	2	2	3	2	1	1	1	1	2	1	1.7	24	5
25	2	1	1	1	1	1	2	1	1	1	1	1	2	2	2		2	3	3	3	3	3	3	2	1.9	23	6
26*	2	3	4	4	3	3	3	3	3	3	3	3	3	3	4	3	4	3	3	4	4	5	5	3	3.3	24	10
27*	3	3	3	3	3	3	3	3	3	3	3	4	3	3	4	4	3	3	3	4	4	3	4	5	3.3	24	9
28	4	3	3	2	2	2	2	2	2	2	3	2	2	3	3	3	4	4	4	4	4	4	4	5	2.9	24	8
29	5	4	3	3	3	3	4	3	4	3	3	3	2	2		3	3	4	3	3	2	3	2	2	3.0	23	6
30	3	3	3	3	3	3	4	4	3	3	3	3	3	3	3		3	3	3	3	3	3	2	2	3.0	23	6
31	2	2	3	2	3	3	4	4	4	3	2	2	2	2	3		3	3	4	4	3	3	3	3	2.8	23	5
MEAN	4	4	3	3	3	3	4	4	4	4	3	3	3	4	4	4	4	4	4	5	5	5	4	4	3.9		
NO.	27	27	27	27	27	27	27	27	27	26	25	24	26	24	24	22	26	27	27	27	27	27	27	27		629	
MAX	10	9	9	9	8	9	9	9	9	10	10	10	9	9	11	11	11	11	9	9	10	11	10	11	9.1		18

* Indicates Saturday or Sunday
Local standard time used

TABULATED THU., MAR. 16, 1967

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CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONCENTRATION IN P.P.M.
INFRARED ANALYSIS

CINCINNATI, OHIO

CARBON MONOXIDE
APRIL 1966

DAY OF MONTH	A.M. 12	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS.	5 MIN MAX
1	2	3	3	2	2	3	2	3	2	2	2	2	2	2	2	2		2	3	3	4	3	3	3	2.5	23	6
2*	3	2	3	3	3	3	3	3	2	2	2	2	2	1	2	3	3	3	3	5	7	7	10	9	3.5	24	25
3*	9	7	3	3	3	3	3	2	2	3		4	4	4	4	4	4	5	5	5	4	3	3	2	3.8	23	12
4	3	2	2	1	1			3	2	1	2				2	2	3	3	3	3	2	2	2	2	2.1	19	6
5	1	1	1	1	1	1	2	3	2	2	2	1	2	2			3	4	3	3	3	2	2	1	1.8	22	8
6	1	2	2	1	2	1	1	1	1	1	2	2	3	2	3	3	3	3	3	3	2	2	2	2	2.1	24	5
7	2	2	1	1	1	2	2	2	2	2	1	1	1	2	2										1.6	15	5
8											0	2	1	1	2	2	3	3	2	2	1	1	1	2	1.7	14	5
9*	1	1	1	0	1	1	1	1	1	2	2	2	2	2	3	2	2	4	3	4	3	3	3	2	1.9	24	11
10*	3	3	2	2	2	1	2	1	2	3	2	2	2	2	3	2	3	3	3	3	3	2	3	2	2.3	24	9
11	2	2	2	2	3	3	3	3	5	5	3	4	3	3	2	2	3	5	2	2	2	2	1	1	2.7	24	11
12	1	2	1	1	1	2	1	2	2	2	2	2	2	3			5	5	4	4	4	3	3	3	2.6	22	9
13	3	3	3	3	3	3	3	4	4	3	4	4	4	3	2	4	4	5	5	6	5	5	4	3	3.7	24	8
14	3	2	2	2	1	2	2	3	2	2	2	1	0	1	1	1	2	3	3	2	3	6	6	6	2.4	24	12
15	5	4	4	5	3	5	6	8	10	5	3	2	2	2	3	3	4	3	3	5	6	6	6	4	4.4	24	13
16*	6	5	5	4	3	3	4	5	6	5	3				2	2	3	2		4	4	4	4	4	3.8	20	8
17*	6	6	6	7	5	6	5	5	5	3	2	2	2	2	2	3	3	3	3	4	3	3	3	3	3.8	24	8
18	3	2	2	2	1	2	2	4	3	2	2	1	0	0	0	0									1.6	16	6
19																											
20	4	5	5	4	4	4	5	6	5	5	5	4	4	4	4	5	4	5	5	5	5	5	6		4.6	23	8
21	5	4	3	3	3	4	4	5	4	5	5	5	5	5	5	4	5	6	5	5	6	7	7	8	4.9	24	10
22	7	7	7	6	7	6	6	7	6	7	6	5	6	5	5	5	7	7	6	7	9	7	6	6	6.4	24	13
23*																											
24*																											
25										5	4	4	4	3	4	3	5	5	4	5	6	9	10	10	5.3	15	14
26	10	8	9	8	7	8	7	5	6	5	5	4			4	4	5	7	6	6	4	4	4	4	5.8	22	13
27	4	4	4	4	4	4	5	7	6	[illegible]	5	5	4	4	4	4	4	6	6	7	6	5	4	4	4.8	24	10
28	4	4	3	3	3	3	4	4	5	5	4	2	3	3	3	3	4	4	3	3	3	3	3	2	3.3	24	10
29	1	1	1	0	0	0	0	0	0	0						3	5	3	3	3	4	5	4	4	2.2	19	10
30*	4	4	4	3	3	3	4	3	4	4	6	6	3	3	3	4	3	3	4	5	5	4	7	4	3.9	24	17
MEAN	4	3	3	3	3	3	3	4	4	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	3.4		
NO.	25	25	25	25	25	24	24	25	25	26	25	24	23	23	24	24	24	25	24	25	25	25	25	24		589	
MAX.	10	8	9	8	7	8	7	8	10	7	6	6	6	5	5	5	7	7	6	7	9	9	10	10	6.4		25

* Indicates Saturday or Sunday
Local standard time used

TABULATED THU., MAR. 16, 1967

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CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONCENTRATION IN PPM
INFRARED ANALYSIS

CINCINNATI, OHIO

CARBON MONOXIDE
MAY 1966

DAY OF MONTH	AM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	PM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5 MIN MAX
1*	2	2	2	2	2	2	2	2	2	3	2	2	2	2	1	1	1	1	2	1					1.7	20	4
2										3	4	5	5	5	4	5	5	6	6	6	8	9	9	9	6.0	15	11
3	8	8	8	7	5	6	6	6	5	4	4	3	4	4	3	4	4	5	5	5	7	6	6	6	5.2	24	12
4	5	5	5	5	6	7	7	7	7	6	5	5	6	6	5	5	6	6	6	6	6	6	7	7	5.9	24	11
5	6	5	5	5	5	5	6	8	6	4	3	3	3	3	3	3	3	3	4	5	5	4	4	4	4.3	24	11
6	4	4	3	4	4	4	5	5	4	4	4	4	3	4			3	3	4	4	5	5	6	5	4.1	22	8
7*	6	7	6	5	4	4	5	4	3	3	2	2	2	2	2	1	1	2	3	3	4	5	5	3	3.5	24	13
8*	4	3	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1.6	24	5
9	1	1	1	1	1	1	2	2	2	2	2	2	2		3	3	4	4	4	5	5	5	3	3	2.6	23	9
10	3	2	3	3	2	4	5	5	4	4	3	3	4	3	3	2	4	5	4	5	4	4	4	4	3.6	24	9
11	4	4	4	4	4	4	5	6	8	7	7	7	8	8	8	9	9	9	9	8	8	9	7	7	6.7	24	12
12	6	6	6	6	8	7	9	7	6	7	7	6	7	7	7	7	7	8	7	9	9	9	8	7	7.2	24	14
13	8	8	8	8	8	9	9	9	10	7	6	6	6									7	7	7	7.6	16	14
14*	8	8	6	6	6	8	8	7	7	7	7	7	7	6	7	7	7	7	7	10	8	10	10	8	7.3	24	24
15*	8	8	7	7	8	8	7	7	6	5	4	4	4	4	4	4	4	5	5	5	6	6	6	5	5.8	24	13
16	5	5	4	5	4	5	5	6	6		4	5	5	4	4	4	4	4	5	6	6	8	9	8	5.3	23	14
17	7	7	6	7	8	7	8	9	6	4	4	3	3	3	2	3	4	4	4	4	4	5	5	5	5.1	24	15
18	6	5	4	4	3	3	4	6	5	4	5	4	4	3	4	3	3	5	4	5	7	8	10	8	4.8	24	14
19	8	9	4	4	5	5	6	6	5	3	3	3	3	3	3	3	3	4	4						4.4	19	19
20									4	3	4	4	3	3	4	4	4	4	5	6	8	10	9	7	5.0	16	12
21*	8	9	6	5	5	4	6	5	5	4	4	3	4	5	5	4	5	5	5	5	5	4	5	6	5.0	24	14
22*	5	5	5	4	4	4	4	3	3	4	3	3	3	3	3	3	3	3	3	4	5	5	4	4	3.7	24	7
23	4	4	6	5	6	6	7	6	5	4	5	4	4	4	4	4	5	5	4	5	6	7	7	7	5.2	24	9
24	5	4	5	5	4	5	5	6	5	4	3	3	4	4	4	3	5	5	4	5	5	5	5	5	4.4	24	8
25	4	4	4	4	4	4	4	5	4			4	4	4	4	4	5	5	5	6	7	8	9	10	5.1	22	12
26	8	8	8	7	8	8	9	11	12	11	5	5	5	4	5	5	5	6	6	6	9	11	10	11	7.5	24	14
27	9	8	8	7	7	8	9	13	8	6	5	4	4	5	4	4	5	6	6	7	10	12	13	13	7.5	24	17
28*	11	11	8	6	6	6	6	6	6	6	6	6	6	5	5	5	6	6	6	6	7	7	6	6	6.4	24	15
29*	5	5	6	4	4	5	5	4	4	4	4	4	4	4	4	4	4	4	4	4	4	5	6	7	4.6	24	10
30	6	6	5	5	5	6	6	5	5	4	4	4	4	4	4	4	4	4	4	5	4	5	7	8	4.9	24	9
31	6	5	5	4	4	5	5	5	5	4	5	4	3	3	4	4	4	4	4	5	6	7	7	7	4.8	24	8
MEAN	6	6	5	5	5	5	6	6	5	5	4	4	4	4	4	4	4	5	5	5	6	7	7	6	5.0		
NO	29	29	29	29	29	29	29	29	30	29	30	31	31	29	29	29	30	30	30	29	28	29	29	29		704	
MAX	11	11	8	8	8	9	9	13	12	11	7	7	8	8	8	9	9	9	9	10	10	12	13	13	7.6		24

* Indicates Saturday or Sunday
Local standard time used

TABULATED THU., MAR. 16, 1967

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONCENTRATION IN PPM
INFRARED ANALYSIS

CINCINNATI, OHIO

CARBON MONOXIDE
JUNE 1966

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS	5-MIN MAX
1	7	6	6	6	6	6	7	6	5	5	4	4	4	5	4	4	5	5	5	5	6	7	6	5	5.3	24	9
2	5	7	6	6	6	6	7	10	6	5	4	4	4	3	3	5	6	5	6	6	7	8	9	8	5.9	24	12
3	10	9	9	8	7	9	11	11	11	9		6	5	5	6	6	7	6	6	7	7	10	7	7	7.7	23	19
4*	7	8	7	6	5	5	5	6	6	6	6	6	6	6	6	5	7	6	8	8	7	8	9	9	6.5	24	12
5*	8	7	7	6	6	6	6	6	6	6	6	6	6	6	6	6	6	5	6	6	6	6	6	5	6.0	24	10
6	6	5	5	5	5	5	5	5	5	5		5	5	5	6	5	7	7	7	7	7	7	6	6	5.8	23	10
7	5	6	5	5	6	6	5	6	5							4	6	7	7	8	11	11	9	8	6.6	18	13
8	8	8	8	7	6	6	7	7	7	6	6	6	6	6	6	6	6	6	6	8	9	10	10	7	7.1	24	14
9	7	7	7	7	7	7	7	8	7	5	5	4	5	5	4	4	5	5	6	6	6	7	7	6	5.9	24	10
10	6	6	6	6	6	6	6	6	5	5	5	5	5	4	5	5	5	5	5	5	6	6	5	5	5.4	24	8
11*	5	4	4	5	5	5	5	5	4	5	5	4	4	4	6	5	5	5	5	7	8	11	13	13	5.8	24	21
12*	11	10	9	8	8	8	7	6	5	6	6	5	6	6	6	6	5	6	7	9	10	13	12	9	7.7	24	17
13	10	10	8	8	8	8	8	10	9	6	5	5	5	6	6	6	7	7	7	7	6	6	6	6	7.0	24	12
14	6	5	5	6	6	6	6	7	6	6	5	4	5	4	5	5	5	5	5	6	7	7	5	5	5.4	24	8
15	5	5	6	5	5	6	6	7	7	6		5	5	5	5	5	6	7	6	7	8	7	6	5	5.9	23	9
16	5	5	5	6	6	7	6	7	7	5	6	5	5	5	5	4	5	5	4	5	6	7	5	6	5.6	24	10
17	5	5	5	5	5	5	6	6	5	5	5	4	5	4		6	6	6	6	7	9	11	11	11	6.1	23	15
18*	9	8	8	8	9	9	10	10	9	8	6	4	5	4	4	5	5	5	5	6	6	7	7	10	6.9	24	13
19*	9	8	7	7	7	8	8	8	7	6	5	4	4	4	4	4	4	4	5	6	7	8	9	10	6.3	24	13
20	10	9	8	8	7	8	9	11	10	8	6					5	5	6	7	8	7	9	8	8	7.8	20	12
21	7	7	6	7	8				9	6	5	4	4	4	4	4	4	6	5	6	7	7	7	7	5.8	21	11
22	6	7	7	6	6	7	8	9	12	6	5	4	4	4	4	4	5	5	5	6	9	9	9	11	6.6	24	14
23	10	10	8	9	7	8	10	13	10	5	5	4	4	4	3	3	3	4	6	7	8	9	10	8	7.0	24	16
24	8	8	7	8	8	8	9	9	8	6	5	5	5	5	5	5	5	6	5	6	9	9	10	9	7.0	24	14
25*	8	8	10	9	9	8	9	9	13	11	7	6	7	7	6	6	6	7		8	9	9	10	11	8.4	23	15
26*	9	8	8	7	7	7	9	7	6	6	4	4	4	4	4	4	4	4	5	6	9	10	10	11	6.5	24	15
27											5	5	5	5	5	5	6	7	8	7	7	7	7	6	6.0	14	10
28	7	7	7	7	6	6	7	8	8	6	6	6	6	6	6	6	10	10	7	7	11	14	13	11	7.8	24	17
29	9	11	11	8	9	9	10	9	7	6	6	6	5	6	6	5	6	7	8	8	9	12	15	15	8.5	24	18
30																											
MEAN	7	7	7	7	7	7	7	8	7	6	5	5	5	5	5	5	6	6	6	7	8	9	8	8	6.6		
NO.	28	28	28	28	28	27	27	27	28	27	25	27	27	27	26	29	29	29	28	29	29	29	29	29		668	
MAX.	11	11	11	9	9	9	11	13	13	11	7	6	7	7	6	6	10	10	8	9	11	14	15	15	8.5		21

* Indicates Saturday or Sunday
Local standard time used

TABULATED THU., MAR. 16, 1967

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONCENTRATION IN PPM
INFRARED ANALYSIS

CINCINNATI, OHIO

CARBON MONOXIDE
JULY 1966

DAY OF MO.	AM 1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	PM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5 MIN MAX
1	9	8	7	7	8	8	9	10	8	9	7	6	6	7	7	6	7	7	7	8	8	8	8	9	7.7	24	16
2*	15	14	13	11	11	12	12	9	8	9	7	7	6	6	7	7	7	8	8	8	8	9	11	12	9.3	24	18
3*	11	12	11	11	10	9	9	8	7	7	7	7	6	6	6	7	7	6	5	6	6	5	4	4	7.4	24	15
4	5	5	5	5	5	6	6	6	5		5	4	4	4	4	4	4	5	5	4	4	4	4	4	4.6	23	8
5	4	3	3	3	3	3	3	4	4	4	4	4	5	4	4	5	4	4	4	5	6	9	5	5	4.2	24	12
6	5	4	4	4	5	6	7	7	6	8	9	8	7	7	7	7	7	9	8	8	8	7	7	7	6.7	24	13
7	7	6	6	6	5	5	5	8	7	8	7	7	6	6	7	6	7	7	7	7	8	8	8	8	6.6	24	11
8	8	7	7	7	7	8	9	10	8	7	7	6	6	6	6	7	7	7	7	8	10	10	12	11	7.7	24	13
9*	8	8	8	8	8	7	9	11	9	7	6	7	7	7	7	7	7	7	7	7	6	8	8	8	7.3	24	11
10*																											
11										6	7	7	9	9	7	6	8	7	7	8	8	7	7	7.2	14	10
12	6	6	6	6	6	6	6	7	6	6	6	6	6	6	6	8	7	5	5	6	6	5	4	6.0	24	9
13	5	4	4	4	4	5	9	11	10	8	6	7	7	6	6	6	6	8	9	8	8	8	9	9	6.9	24	13
14	8	8	8	9	9	9	9	9	8	7	6	6	5	6	8	9	8	8	8	7	6	5	6	6	7.3	24	11
15	5	5	6	5	5	5	5	6	6	7	6	5	5	5	4	5	5	5	3	5	5	5	5	5	5.2	24	11
16*	5	5	5	5	5	6	6	6	6	6	6	5	5	5	5	6	6	6	6	7	6	7	6	11	5.8	24	12
17*	12	10	11	9	7	6	6	5	5	5	5	5	5	6	6	6	6	6	6	6	6	10	10	11	7.0	24	15
18	10	9	8	6	6	6	6	9	8	6	6	6	6	6	6	6	6	6	6	7	7	6	5	5	6.6	24	12
19	5	5	5	5	5	5	6	7	6	6	6	6	6	5	5	6	6	5	5	5	6	6	5	6	5.6	24	8
20	6	5	5	5	5	5	5	6		6	6	6	5	5	5	5	6	6	6	6	6	6	5	5	5.5	23	7
21	5	5	5	5	5	6	7	7	5	5		5	4	5		5	5	5	5	5	7	7	6	5	5.4	22	9
22	5	5	6	7	6	7	10	7	6		5	5	5	5	5	6	5	6	6	7	6	6	6	5	6.0	23	12
23*	5	5	5	4	4			4	4	4	4	3	6	5	4	4	5	5	6	5	4	5	5	3	4.4	22	8
24*	3	3	3	3	2	2	4	5	4	5	5	4	5	4	4	4	6	5	6	6	7	10	9	9	4.8	24	11
25	9	7		6	5			9	8	3			3	3	4	4	4	4	4	5	6	9	7	8	5.6	19	12
26	9	8	8	9	8	7	9	11	9	7	5	4	4	4		4	4	5	5	5	5	5	6	8	6.4	23	12
27	7	6	5	6	5	5	5	7						6	6	6	6	6	6	7	8	7	7	8	6.2	19	12
28	7	6	6	5	5	5	6	6	6	5	5	5	4	4	6	6	8	9	9	8	7	7	6	6	6.1	24	11
29									7	7	6	6	6	6	5	5	6	6	6	6	6	6	5	5	5.8	16	11
30*	5	5	5	5					5	5	5	4	4	4	4	4	4	5	5	5	6	6	7	6	5.0	20	9
31*	6	6	6	6	5	6	7	6	5	5	4		4	4	4	5	4	4	4				9	6	5.2	20	10
MEAN	7	6	6	6	6	6	7	7	6	6	6	6	5	5	6	6	6	6	6	6	7	7	7	7	6.2		
NO	28	28	27	28	27	25	25	27	27	24	27	27	29	30	28	30	30	30	30	29	29	29	30	30		676	
MAX	15	14	13	11	11	12	12	11	10	9	9	8	7	9	9	9	8	9	9	8	10	10	12	12	9.3		18

* Indicates Saturday or Sunday
Local standard time used

TABULATED THU., MAR. 16, 1967

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CINCINNATI, OHIO

CONCENTRATION IN PPM
INFRARED ANALYSIS

CARBON MONOXIDE
AUG. 1966

DAY OF MONTH	AM												PM												DAILY MEAN	NO OF HRS	5-MIN MAX
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12			
1				6					8	5	4	4	4	4	4	4	4	5	4	5	6	7	6	5	5.0	17	10
2	4	4	4	5	4	4	5	5	5	5	5	5		5	6	6	6	5	6	6	7	9	7	6	5.5	23	12
3	5	5	5	5	5	6	6	6	6	5	5		5	5	5	5		6	6	6	7	7	6	6	5.7	22	8
4	7	8	7	7	6	7	9	8	7	7	5	5	5	5	5	5	5	6	5	6	7	8	10	11	6.6	24	12
5	10	9	8	7	7	8	9	12	10	7	6	6	6	5	6	6	7	7	6	7	9	10	9	8	7.6	24	13
6*	9	10	9	8	8	8	9	11	11	11	9	7	6	5	5	5	5	5	5	7	8	11	13	7	8.1	24	15
7*																											
8										4	4	4	4	4	4	5	5	5	6	6	7	6	5	6	5.0	15	8
9	6	5	5	6	5	6	6	6	5	4	3	4	4		4	5	5	5	4	4	5	4	4	4	4.7	23	7
10	4	4	3	3	3	3	5	5	4	3	3	3	3			4	4	4	4	4	5	4	4	4	3.8	22	7
11	4	4	4	4	4	3	4	4	3	2	3	3	4	5	4		5	5	4	5	5	7	7	7	4.3	23	11
12	7	7	7	7	6	5	6	8	9	7	6	5	5	6	5	5	5			7	9	11	12	10	7.0	22	17
13*	8	7	8	8	7	7	7	8	8	8	8	8	7	7	6	6	6	7	8	10	9	9	9	8	7.7	24	12
14*	8	8	6	6	5	6	6	6	6	5	6	6	5	6	6	7	6	6	7	8	8	8	8	8	6.5	24	11
15	7	5	4	4	4	4	5	5	5	4	4	4	3	3	3	3	5	5	4	5	5	4	3	3	4.1	24	8
16	3	4	4	4	4	5	5	4			6	5	5	5	5	5	5	6	6	7	7	7	7	7	5.2	22	11
17	6	7	8	6	7	7	8	11	10	7	6	5	6	5	6	6	7	6	6	8	9	10	10	10	7.3	24	14
18	9	9	8	7	6	6	6	8	8	5	4	4	4	4	4	4	4	5	4	5	6	6	7	8	5.7	24	11
19	6	6	4	4	4	4	5	11	11	8	5	4	4	4	5	4	4	5	5	5	5	5	5	5	5.3	24	14
20*	5	5	5	4	3	4	4	4	4	5	6	6	6	5	5	5	5	6	6	8	7	7	6	7	5.3	24	10
21*	7	7	7	6	6	7	7	7	6	6	7	7	7	6	6	6	6	6	7	7	7	7	8	7	6.6	24	9
22	6	7	6	6	7	6	8	6	5	6	6	6	6	5	6	6	6	6	6	6	5	6	6	5	6.0	24	10
23	4	4	4	4	4	4	5	5	4			4	4	3	3	4	5	4	4	5	6	6	5	5	4.3	22	7
24	5	6	6	5	4	5	5	7	5	4	4	3	3	3	3	3	5	5	4	6	6	6	5	7	4.8	24	11
25	6	5	4	3	4	3	4	6	5	3	2	1	1	3	2	3	4	5	4	5	5	5	6	6	3.9	24	10
26	4	4	3	2	3	3	5	7	5	4	2	2	2	2	2	1	2	2	3	4	5	6	9	10	3.8	24	19
27*	7	7	6	6	6	5	5	5	5	3	3	3	2	2	2	3	3	3	3	5	6	7	7	9	4.7	24	12
28*	9	7	6	4	3	3	3	3	3	3	3	3	3	3	2	2	2	3	3	4	5	7	8	7	4.2	24	11
29	8	7	6	6	6	6	8	10	9	6	3	2	2	3	3	3	3	6	5	7	9	9	12	9	6.1	24	16
30	9	9	9	9	9	9	9	10	8	9	8	7	6	5	5	4	5	5	5	8	7	5	4	5	7.0	24	14
31	5	5	5	5	5	5	7	8	10	8	5	3	3		4	5	5	12	9	11	12	11	10	11	7.1	23	17
MEAN	6	6	6	5	5	5	6	7	7	6	5	4	4	4	4	4	5	5	5	6	7	7	7	7	5.6		
NO	28	28	28	29	28	28	28	28	28	28	29	29	29	27	29	29	29	29	29	30	30	30	30	30		690	
MAX	10	10	9	9	9	9	9	12	11	11	9	8	7	7	6	7	7	12	9	11	12	11	13	11	8.1		19

* Indicates Saturday or Sunday
Local standard time used

TABULATED THU., MAR. 16, 1967

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CONTINUOUS AIR MONITORING PROGRAM

Air Quality [illegible] Engineering Activity
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft [illegible] Engineering Center
Cincinnati, Ohio 45226

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONCENTRATION IN PPM
INFRARED ANALYSIS

CINCINNATI, OHIO

CARBON MONOXIDE
SEPT. 1966

DAY OF MONTH	AM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	PM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5 MIN MAX
1	12		9	8	7	6	9	14	11	9	7	4	4	4											8.0	12	18
2																											
3*																											
4*																											
5																											
6																											
7																											
8																											
9																											
10*																											
11*		11	9	7	5	5	4	4	3	3	3	2	2	2	3	3	3	2	3	3	3	2	2	2	3.8	23	12
12	2	3	4	5	4	4	4	5	6	4	3	3	2	1	2	2	3	5	3	3	4	4	4	3	3.4	24	8
13	2	2	2	3	2	3	2	3	3	1	2	1	3	1	2	2		4	3	2	2	3	3	3	2.3	23	9
14	3	3	3	2	3	4	4	4	5			5	4	5	4	4	4	5	4	7	6	8	9	7	4.6	22	10
15	5	5	5	5	5	5	5	6	5	7	4	2	5	4	4	4	6	6	6	7	7	8	9	8	5.5	24	12
16	7	7	8	8	9	9	10	12	12	9		5	5	5	5	4	6	6	6	8	11	13	16	14	8.3	23	18
17*	13	12	13	12	11	11	12	13	12	10	6	5	5	5	5	5	6	7	7	7	9	9	10	12	9.0	24	16
18*	13	12	12	11	8	8	6	6	6	5	6	6	5	5	5	5	5	6	6	6	6	6	7	6	7.0	24	16
19	6	6	6	6	6	6	6	6	7	6	6	6	6	5	6	5	6	7	7	6	6	6	6	5	5.9	24	9
20	5	6	6	6	6	6	6	7	7	6	5			5	6	6	9	9	9	10	11	9	9	7	7.1	22	15
21	8	7	7	6	7	8	7	9	7	6	6	6	5	5	4	4	5	6	7	9	7	7	6	6	6.4	24	12
22	6	5	5	5	6	6	6	5	4	4	4	4	5	4	4	4	5	5	7	7	7	7	6	6	5.3	24	11
23	6	5	5	5	5	5	5	6	5	4	4	3	4	4	3	4	4	4	4	6	7	7	7	8	5.0	24	12
24*	7	7	7	5	6	6	7	8	9	10	5	4	4	4	4	5	4	5	5	10	11	9	9	10	6.8	24	17
25*	10	9	9	11	7	5	4	4	4	4	4	5	5	5	4	5	5	5	6	6	6	6	5	5	5.8	24	14
26	5	5	4	4	4	5	5	6	5	5	5	5	4	4	4	4	7	6	7	7	6	6	6	6	5.3	24	29
27	5								5		4	4	4	4	4	5	8	7	6	5	5	5	5	5	5.1	16	12
28	5	4	3	4	4	4	5	5	5	5	3	3	2	2	2	3	3	4	5	7	8	8	6	6	4.3	24	11
29	5	4	3	2	2	2	3	3	2	1	2	2	1	1	2	2	2	3	3	7	5	5	5	3	2.9	24	14
30	3	2	3	3	3	3	4	5	5	4	4	4	4	5	5	6	6	6	4	5	5	6	5	4	4.4	24	12
MEAN	6	6	6	6	5	6	6	6	6	6	4	4	4	4	4	4	5	5	5	6	7	7	7	6	5.5		
NO	20	19	20	20	20	20	20	20	21	19	19	20	20	21	20	20	19	20	20	20	20	20	20	20		478	
MAX	13	12	13	12	11	11	12	14	12	10	7	6	6	5	6	6	9	9	9	10	11	13	16	14	9.0		29

* Indicates Saturday or Sunday
Local standard time used

TABULATED THU., MAR. 16, 1967

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONCENTRATION IN PPM
INFRARED ANALYSIS

CINCINNATI, OHIO

CARBON MONOXIDE
OCT. 1966

DAY OF MONTH	AM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	PM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5 MIN MAX
1*	5		6	5	5	5	6	5	5	5	5	5	4	4	4	6	5	5	6	8	8	8	12	10	6.0	23	18
2*	8	6	6	7	6	5	5	5	5	5	4	4	4	4	3	3	4	4	4	5	6	5	6	5	4.9	24	9
3	5	4	4	4	4	4	5	6	6	5	3	3	3	3	3	3	4	5	5	5	4	4	2	3	4.0	24	8
4	2	2	3	3	3	3	3	4	4	4	3		5	6	6	6	6	6	6	6	6	6	6	6	4.5	23	8
5	6	6	6	6	6	6	6	A	5	4	4	4	5	5	5	6	6	6	7	9	9	9	7	6	5.9	24	11
6	6	5	6	6	6	6	6	7	8	6	5	5	5	6	6	6	6	7	8	13	12	13	13	10	7.2	24	19
7	9	8	8	7	7	7	9	13	10	9	6	4	5	4	4	5	5	6	9	15	15	11	11	13	8.3	24	24
8*	9	8	9	8	6	5	6	6	7	6	5	5	4	4	5	6	6	6	6	10	12	10	10	13	7.1	24	22
9*	7	5	6	5	5	4	5	4	4	5	5	4	4	4	5	4	4	4	6	6	5	4	4	4	4.6	24	10
10	3	3	3	3	3	3	4	4	3	3	3	2	2	2	2	2	3	4	5	5	4	4	4	4	3.2	24	7
11	4	3	3	3	3	3	3	4			1	1	1	2	2	2	2	4	4	5	8	11	7	5	3.7	22	24
12	5	3	3	4	4	4	7	9	9	6	4	3	3	2	3	3	4	6	7	7	9	6	6	5	5.1	24	15
13	4	4	4	4	3	3	3	5	5	3	2	2	2	2	2	2	3	4	4	5	5	4	3	3	3.3	24	7
14	3	3	3	3	3	3	3	4	5	3	4	3	3	3	3	3	5	6	5	6	6	4	4	4	3.7	24	12
15*	3	3	2	2	2	2	3	2	3	3	3	3	3	3	3	3	3	3	3	4	5	3	3	3	2.9	24	7
16*	2	2	2	2	1	2	2	2	2	3	4	3	3	3	3	3	3	4	4	3	3	3	3	3	2.7	24	7
17	2	2	2	2	2	2	3	3	2	3	3	2	2	2	2	3	4	4	4	4	5	4	4	4	2.9	24	7
18	4	4	3	3	3	3	3			4	4	4	5	5	5	5	7	8	7	6	5	5	5	4	4.6	22	14
19	4	4	4	3	4	4	5	5	5	5	5	5	5	4	5	5	5	6	6	6	6	5	6	5	4.8	24	15
20	4	4	4	4	4	4	5	5	5	5	5	4	4	3	4	4	4	5	8	9	11	9	8	8	5.3	24	14
21	7	6	5	5	4	4	6	8	6	6	6	3	3	3	3	4	5	6	6	5	5	5	6	5	5.0	24	12
22*	5	4	4	4	4	4	5	5	4	4	4	3	3	4	3	3	4	5	6	7	10	5	5	3	4.5	24	20
23*	4	4	3	3	3	3	4	5	4	4	3	3	3	3	3	3	2	3	5	8	9	10	9	9	4.6	24	21
24	8	8	8	5	7	8	9	12	19	20	9	3	2		3	4	5	7	10	16	13	11	9	8	8.8	23	25
25	7	8	7	5	4	5	5	6	6	5	4	3	3	4	3	3	4	4	5	4	4	4	4	5	4.6	24	13
26	6	6	5	4	4	4	6	6	6	5	4	3	3	3	3	4	5	6	5	5	6	7	8	9	5.1	24	11
27	8	7	7	6	6	5	7	12	13	13	10	5	4	3	2	3	4	6	9	13	12	10	8	9	7.6	24	19
28	6	6	5	5	4	5	6	11	9	8	5	2	1	2	1	1	3	4	5	6	10	4	5	4	4.9	24	21
29*	4	4	3	3	3	3	2	3	2	2	2	2	2	3	2	2	2	3	4	5	8	4	9	4	3.4	24	28
30*	3	3	2	2	2	3	2	4	4	3	2	2	2	2	3	3	3	4	5	5	4	3	3	3	3.0	24	7
31	3	3	2	2	2	3	4	6	4	4	4	3		2	4	5	6	7	8	9	6	5	4	4	4.3	23	10
MEAN	5	5	4	4	4	4	5	6	6	5	4	3	3	3	3	4	4	5	6	7	7	6	6	6	4.8		
NO	31	30	31	31	31	31	31	30	29	30	31	30	30	30	31	31	31	31	31	31	31	31	31	31		736	
MAX	9	8	9	8	7	8	9	13	19	20	10	5	5	6	6	6	7	8	10	16	15	13	13	13	8.8		28

* Indicates Saturday or Sunday
Local standard time used

TABULATED THU., MAR. 16, 1967

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONCENTRATION IN PPM
INFRARED ANALYSIS

CINCINNATI, OHIO

CARBON MONOXIDE
NOV. 1966

DAY OF MONTH	AM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	PM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN MAX
1	4	4	4	3	3	3	4	5	4	3	3	3	4	4	4	5	5	6	4	5	4	4	4	3	4.0	24	11
2																											
3																											
4																											
5*																											
6*																											
7																											
8	3	3	3	3	3	3	4	4	5	4	4	4					11	10	8	7	7	6	5	8	5.3	20	16
9	8	10	9	9	9	9	10	12	10	9	8	6	7	7	7	7	8	10	10	5	6	5	5	4	7.8	24	14
10	5	6	5	5	5	5	5	6	7	6	7	7	6	5	5	5	4	4	4	4	4	4	3	4	5.0	24	9
11	4	3	3	3	3	4	4	4	4	3	3	3	3	3	3	3	4	5	7	9	10	7	9	7	4.6	24	20
12*	9	5	4	4	4	3	4	4	4	7	6	4	3	3	4	3	4	5	4	4	4	4	5	5	4.2	24	10
13*	5	5	4	4	3	3	4	4	4	4	3	4	3	3	3	4	4	5	6	9	6	7	8	9	4.8	24	17
14	9	9	6	5	5	4	5	7	10	10	12	7	2	3	2	3	3	6	11	19	9	9	10	8	7.3	24	27
15	7	6	3	3	2	3	4	5	6	4	5	5	4	4	3		6	8	7	11	15	14	12	9	6.3	23	24
16	7	7	5	4	4	5	6	8	9	7	8	4	3	3	3	4	4	6	6	6	5	5	5	5	5.3	24	11
17	5	5	4	4	4	4	4	5	6	5	4	3	3	3	3	3	4	5	6	5	5	5	4	4	4.2	24	11
18	3	3	3	4	4	4	4	5	4	4	5	4	3	3	3	4	5	5	5	5	6	4	4	4	4.1	24	9
19*	4	4	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	5	5	6	3	6	4	3.9	24	18
20*	3	3	3	3	2	2	3	2	2	3	3	3	3	3	3	3	3	4	3	3	3	3	3	3	2.8	24	5
21	3	2	3	3	3	4	7	7	5	4	4	3	3	3	3	4	5	8	7	7	9	7	6	5	4.8	24	16
22	3	3	3	3	3	3	4	6	4	4	3		2	3	4	4	5	6	4	4	3	3	3	3	3.5	23	12
23	3	3	3	3	3	3	3	4	5	3	2	2	1	2	2	1	4	5	4	4	3	3	2	2	2.9	24	7
24	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	2	2	3	2	3	3	2	2	2	1.9	24	5
25	2	1	1	1	1	1	2	1	1	2	1	2	1	1	2	2	3	2	2	4	4	4	5	3	2.0	24	10
26*	2	3	2	1	1	2	3	3	2	4	2	3	4	5	7	9	8	5	3	3	4	3	3	1	3.5	24	14
27*	2	2	1	1	1	1	1	1	1	1	2	2	1	1	2	2	3	3	3	2	2	2	1	1	1.5	24	10
28	1	1	2	2	2	2	2	1	2	1	1	3	17	12	2	1	3	2	1	1	1	1	1	1	2.6	24	32
29	1	1	1	1	1	2	1	2	1	1	1	1	1	2	2	2	2	2	2	2	2	2	1	1	1.5	24	5
30	1	2	2	1	2	2	2	4	3	3	2			4	3	4	6	8	6	5	4	4	4	3	3.4	22	14
MEAN	4	4	3	3	3	3	4	4	4	4	4	4	4	3	3	4	5	5	5	5	5	5	5	4	4.0		
NO	24	24	24	24	24	24	24	24	24	24	24	22	22	23	23	22	24	24	24	24	24	24	24	24		568	
MAX	9	10	9	9	9	9	10	12	10	10	12	7	17	12	7	9	11	10	11	19	15	14	12	9	7.8		3

* Indicates Saturday or Sunday
Local standard time used

TABULATED THU., MAR. 16, 1967

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONCENTRATION IN PPM
INFRARED ANALYSIS

CINCINNATI, OHIO

CARBON MONOXIDE
DEC. 1966

DAY OF MONTH	AM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	PM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5 MIN MAX
1	3		4	4	3	4	5	5	5	5	4	4	3	3	4	4	4	4	3	3	3	2	2	2	3.6	23	8
2	2	2	2	2	2	3	3	3	2	3	3	2	2	3	2	3	5	3	4	3	3	2	3	3	2.7	24	15
3*	3	3	2	2	2	3	4	3	3	4	4		4	4	3	3	3	3	4	4	5	3	6	3	3.4	23	20
4*	3	3	2	3	2	2	2	2	2	2	2	3	3	4	4	5	4	4	3	3	4	3	4	4	3.1	24	10
5	3	3	3	3	3	3	4	4	4		4	5	5	4	4	6	6	6	6	5	5	5	4	4	4.3	23	10
6	4	4	4	4	4	4	5	5	6	6	5	5	5	5											4.8	14	8
7																											
8																											
9																											
10*																											
11*																											
12																											
13																											
14																											
15																											
16																											
17*																											
18*																											
19																											
20																											
21																											
22	4	3	4	4	3	4	5	6	6	6	4	4	4	4			5	5	5	4	3	3	3	3	4.1	22	8
23	3	2	3	2	2	3	3	3	4	4	4	4	3	4	4	4	4	4	4	4	4	4	4	4	3.5	24	8
24*	3	4	4	4	4	4	4	4	4	5	5	5	5	5	5	5	6	6	6	6	5	5	5	5	4.6	24	10
25*	4	4	4	4	3	3	3	4	4	4	4	5	4	4	4	4	4	4	4	5	5	5	5	5	4.1	24	10
26	5	5	4	4	3	3	4	4	5	5	5	5	4	4	4	4	4	4	4	5	6	7	7	8	4.7	24	12
27	9	7	6	6	5	6	7	9	11	11	8			5	4	4	5	5	4	4	4	4	3	3	6.0	22	14
28	4	3	3	3	3	3	4	4	4	4	4	5	5	5	4	5	4	5	4	4	3	3	3	3	3.8	24	6
29	3	2	3	3	3	3	2	3	2	3	3	2	2	3	3	3	4	3	3	6	5	4	4	4	3.1	24	16
30	3	3	3	3	3	4	5	5	4	4	4	4	4	3			6	8	7	9	11	9	6	5	5.2	22	16
31*	6	6	5	5	5	5	6	5	5	6	5	5	6	6	6	6	6	6	6	6	6	6	6	6	5.7	24	11
MEAN	4		3	3	3	4	4	4	4		4			4											4.1		
NO	16	15	16	16	16	16	16	16	16	15	16	14	15	16	13	13	15	15	15	15	15	15	15	15		365	
MAX	9	7	6	6	5	6	7	9	11	11	8	5	6	6	6	6	6	8	7	9	11	9	7	8	6.0		20

* Indicates Saturday or Sunday
Local standard time used

TABULATED THU., MAR. 16, 1967

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CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CINCINNATI, OHIO

CONCENTRATION IN PPM
COLORIMETRIC ANALYSIS

NITRIC OXIDE
JAN. 1966

DAY OF MONTH	AM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	PM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5 MIN MAX
1*																											
2*																											
3	.01	.01	.01	.01	.01	.01	.01	.01	.02	.01	.02	.01	.01	.02	.02	.02	.02	.03	.05	.07	.08	.11	.16	.13	.035	24	.18
4	.09	.06	.06	.06	.04	.06	.08	.12	.22	.26	.16		.03	.03			.05	.08	.08	.06	.22	.23	.20	.19	.112	21	.32
5	.15	.12	.12	.09	.05	.03	.04	.06	.07	.05	.04	.06	.07	.04			.05	.05	.03	.02	.03	.02	.02	.02	.055	22	.16
6	.02	.01	.02	.02	.02	.01	.01	.01	.02	.02	.02	.02	.01	.01			.03	.03	.03	.02	.01	.02	.01	.01	.017	22	.04
7	.04	.03	.01	.01	.01	.01	.02	.03	.04	.03	.03	.02	.02	.02	.03	.03	.03	.02	.02	.01	.01	.01	.00	.00	.019	24	.06
8*	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.001	24	.01
9*	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.03	.03	.02	.02	.03	.03	.03	.04	.03	.03	.05	.03	.015	24	.08
10																											
11																											
12																											
13																											
14																											
15*																											
16*																											
17										.06	.05	.03	.02	.02		.02	.03	.03	.03	.04	.02	.04	.06	.03	.035	14	.08
18	.01	.00	.00	.00	.00	.01	.03	.04	.04	.03	.03	.02	.02	.02		.02	.02	.03	.02	.02	.01	.02	.01	.01	.017	23	.04
19	.01	.01	.01	.01	.01	.02	.05	.09	.12	.10	.07	.04	.03	.02		.02	.02	.03	.03	.03	.09	.13	.15	.14	.053	23	.20
20																											
21																											
22*	.03	.04	.03	.03	.03	.03	.05	.06	.05	.06	.06	.06	.08	.06		.06	.06	.06	.07	.05	.05	.03	.02	.02	.047	23	.09
23*	.02	.01	.01	.01	.00	.00	.00	.01	.01	.01	.01	.01	.01	.01		.01	.01	.01	.01	.01	.01	.02	.02	.02	.011	23	.03
24	.05	.05	.05	.04	.03	.04	.07	.10	.10	.17	.16	.09	.06	.06			.04	.03	.02	.01	.01	.01	.01	.01	.055	22	.19
25	.01	.01	.00	.01	.01	.02	.02	.04	.06	.06	.05	.03	.04	.03		.02	.03	.04	.02	.02	.01	.01	.02	.01	.024	23	.07
26																											
27											.01	.01	.01	.01		.01	.00	.01	.00	.00	.00	.00	.00	.00	.004	13	.02
28	.00	.00	.00	.00	.00	.00	.00	.02	.02		.03	.03		.02		.01	.01	.02	.02	.02	.01	.01	.01	.01	.011	21	.04
29*	.01	.02	.01	.01	.01						.03	.04	.03	.02		.01	.01	.01	.01	.01	.01	.01	.01	.01	.015	18	.04
30*	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.02	.01	.01		.01	.01	.01	.01	.01	.01	.01	.01	.01	.010	23	.02
31	.01	.01	.01	.01	.02	.03			.06	.06	.05	.04	.03	.03		.04	.04	.05	.05	.05	.04	.03	.04	.02	.033	21	.07
MEAN	.03	.02	.02	.02	.02	.02			.05	.06	.04	.03	.03	.02			.03	.03	.03	.02	.03	.04	.04	.04	.030		
NO	17	17	17	17	17	16	15	15	16	16	19	18	18	19	4	15	19	19	19	19	19	19	19	19		408	
MAX	.15	.12	.12	.08	.06	.06	.08	.12	.22	.26	.16	.09	.08	.06	.03	.06	.06	.08	.08	.07	.22	.23	.20	.19	.112		.32

* Indicates Saturday or Sunday
Local standard time used

TABULATED THU., MAR. 16, 1967

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONCENTRATION IN PPM
COLORIMETRIC ANALYSIS

CINCINNATI, OHIO

NITRIC OXIDE
FEB. 1966

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS	5 MIN MAX
1	.02	.02	.02	.01	.01	.01	.02	.02	.02	.02	.03	.02	.02	.03			.04	.03	.02	.02	.02	.03	.03	.02	.021	22	.05
2	.01	.01	.01	.01	.01	.02	.02	.03	.06	.05	.03	.03	.02	.02		.04	.03	.02	.01	.03	.03	.01	.02	.01	.022	23	.06
3	.00	.00	.00	.00	.00	.00	.01	.03	.03		.05	.06	.02	.03		.01	.02	.02	.03	.04	.05	.02	.02	.03	.021	22	.07
4	.01	.01	.00	.00	.01	.00	.01	.03	.04	.03	.03	.03	.02	.02		.03	.02	.02	.02	.01	.01	.01	.01	.01	.016	23	.04
5*	.02	.03	.02	.02	.02	.02	.03	.03	.04	.06	.06	.06	.04	.02	.02	.02	.05	.03	.02	.02	.01	.01	.01	.01	.027	24	.08
6*	.01	.01	.01	.00	.01	.01	.01				.01			.01		.03		.02	.02	.02	.01		.01	.01	.013	16	.03
7	.01	.02	.01	.02	.02					.05	.06	.06	.05	.04		.03	.07	.07	.09	.03	.02	.03	.03	.02	.038	19	.15
8	.01	.01	.01	.01	.01	.01	.03	.05								.03	.04	.05	.05	.04	.09	.07	.04	.03	.034	17	.13
9	.06	.05	.04	.01	.01	.01	.03	.05			.05	.03	.02	.02		.01	.02	.03	.02	.01	.01	.01	.01	.01	.024	21	.09
10	.00	.00	.00	.00	.00	.01	.02	.07	.11	.08	.10	.08	.11	.09		.04	.05	.04	.04	.02	.09	.07	.02	.02	.045	23	.14
11	.01	.01	.01	.02	.02	.01	.05	.10	.13	.09	.05	.04	.03	.06		.07	.05	.04	.04	.03	.08	.12	.20	.27	.066	23	.28
12*	.24	.24	.22	.28	.26	.25	.29	.33	.41	.15	.06	.04	.03	.02		.02	.02	.03	.03	.04	.06	.05	.04	.04	.138	23	.48
13*	.02	.02	.03	.02	.02	.01	.02	.02	.02	.02	.01	.01	.01	.01		.02	.02	.02	.04	.06	.13	.12	.16	.13	.041	23	.19
14	.19	.10	.08	.14	.14	.11	.10	.07	.06	.04			.06	.07		.06	.06	.06	.05	.13	.12	.09	.06	.05	.086	21	.22
15	.03	.01	.01	.01	.01	.01	.04	.06	.08	.07	.07	.04	.03	.02		.02	.02	.03	.02	.02	.02	.02	.02	.02	.028	23	.09
16	.03	.02	.04	.03	.02	.03	.04	.09	.14		.10	.07	.05	.04		.02	.04	.04	.02	.01	.01	.01	.01	.01	.038	22	.18
17	.00	.01	.00	.00	.00	.00	.01	.02	.03	.03		.04	.03	.02		.01	.01	.02	.02	.03	.04	.04	.04	.04	.019	22	.06
18	.04	.03	.02	.02	.02	.02						.03	.02	.02		.02	.03	.04	.04	.06	.11	.09	.09	.11	.044	18	.17
19*	.16	.22	.24	.08	.02	.02	.01	.01	.01	.02	.03	.02	.03	.02		.02	.02	.02	.02	.03	.04	.02	.03	.02	.048	23	.27
20*	.02	.02	.01	.01	.01	.01	.01	.01	.01	.02	.02	.02	.02	.02		.01	.01	.02	.02						.015	18	.03
21																											
22	.02	.02	.01	.01	.01	.01	.04	.06	.06	.05	.03	.03		.02		.01	.02	.02	.02	.03	.04	.02	.01	.01	.024	22	.07
23	.01	.00	.00	.01	.02						.03	.02	.01	.02		.02	.02	.03	.02	.02	.03	.02	.01	.02	.017	18	.03
24	.02	.10	.06	.06	.04	.05	.06	.07	.07	.06	.05	.04	.03	.03		.07	.07	.09	.09	.08	.08	.08	.07	.05	.060	23	.13
25	.04	.03	.02	.02	.03	.03	.03	.03	.03	.05	.04	.03	.02	.02		.02	.03	.03	.05	.03	.02	.01	.01	.01	.026	23	.06
26*	.01	.01	.01	.01	.01	.01	.03	.09	.06	.04	.03	.02	.02	.01		.01	.01	.01	.01	.02	.03	.01	.01	.02	.021	23	.11
27*	.01	.01	.01	.01	.01	.00	.01	.01	.01	.01	.02	.02	.02	.03		.02	.01	.01	.02	.03	.05	.05	.03	.02	.018	23	.06
28	.01	.00	.00	.00	.00	.00	.01	.04	.06	.05							.07	.03	.02	.02	.01	.01	.00	.00	.018	18	.07
MEAN	.04	.04	.03	.03	.03	.03	.04	.06	.07	.05	.04	.04	.03	.03		.03	.03	.03	.03	.03	.04	.04	.04	.04	.037		
NO.	27	27	27	27	27	25	24	23	21	20	21	24	23	25	1	25	26	27	27	26	26	25	26	26		576	
MAX	.24	.24	.24	.28	.26	.25	.29	.33	.41	.15	.10	.08	.11	.09	.02	.07	.07	.09	.09	.13	.13	.12	.20	.27	.138		.48

* Indicates Saturday or Sunday
Local standard time used

TABULATED THU., MAR. 16, 1967

A-21

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONCENTRATION IN PPM
COLORIMETRIC ANALYSIS

CINCINNATI, OHIO

NITRIC OXIDE
MARCH 1966

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS	5-MIN MAX
1	.01	.01	.01	.00	.00	.00	.01	.02	.01	.01		.00	.00			.00	.01	.01	.02	.03	.15	.26	.34	.35	.060	21	.42
2	.18	.17	.19	.15	.14	.15	.28	.31	.14	.07	.06	.03	.01		.00	.00	.07	.04	.02	.02	.01	.03	.01	.01	.091	23	.40
3	.04	.00	.00	.00	.00	.01	.03	.06	.10	.12	.09	.06	.03	.00			.02	.03	.02	.02	.01	.02	.01	.01	.030	22	.13
4	.00	.00	.00	.00	.03	.05	.03	.07	.03	.02	.01	.01								.00	.01	.00	.00	.00	.015	17	.11
5*	.00	.00	.00	.00	.00	.00	.00	.01	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.00	.002	24	.01
6*	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00						.01	.01	.01	.01	.01	.01				.004	16	.02
7																											
8	.01	.00	.01	.02	.02	.05	.07	.09	.09	.05	.02	.01	.01	.01		.01	.01	.01	.00	.01	.01	.02	.07	.05	.027	23	.14
9	.01	.01	.01	.01	.00	.00	.02	.04	.05			.03	.01	.01		.02	.02	.02	.05	.10	.15	.11	.09	.04	.038	21	.22
10	.04	.13	.04	.01	.02	.04	.05	.13	.16	.13	.08	.05	.05	.03		.01	.02	.01	.01	.01	.01	.01	.01	.00	.045	23	.23
11	.00	.01	.01	.01	.02	.02	.03	.07	.07	.07	.02	.01	.01	.01		.01	.01	.02	.03	.05	.03	.04	.09	.03	.028	23	.15
12*	.08	.05	.01	.01	.01	.00	.00	.01	.02	.02	.02	.03	.02	.02		.03	.02	.03	.04	.05	.05	.06	.07	.06	.030	23	.11
13*	.06	.03	.04	.02	.02	.04	.02	.02	.02	.01	.01	.01	.01	.01		.01	.01	.01	.01	.00	.00	.00	.00	.00	.015	23	.08
14	.00	.00	.00	.00	.00	.00	.01	.02	.03	.02	.02	.03	.04	.03			.02	.02	.02	.01	.05	.11	.23	.43	.048	22	.52
15	.49	.44	.19	.24	.21	.19	.11	.13	.24								.02	.01	.01	.01	.01	.01	.02	.02	.139	17	.52
16																											
17																											
18																											
19*	.02	.02	.02	.01	.00	.00	.02	.02	.02	.01	.01	.01	.01	.01		.00	.00	.01	.00	.00	.00	.00	.00	.00	.008	23	.03
20*	.00	.00	.00	.00	.00	.00	.00	.00	.01	.01	.01	.01	.01	.02		.01	.01	.01	.02		.09	.09		.19	.022	21	.21
21				.04					.08	.07	.04	.07	.04	.05	.05			.07	.07	.03	.02	.02	.02	.04	.046	15	.12
22	.01	.01	.01	.01	.01	.01	.01	.03										.02	.01	.03	.06	.27	.09	.04	.042	15	.39
23																											
24																											
25	.00	.00	.00	.00	.00	.00	.02	.04	.04	.04	.03	.03	.02	.02			.01	.02	.03	.04	.06	.08	.07	.04	.027	22	.10
26*	.05	.01	.01	.01	.02	.01	.01	.01	.01	.01	.01	.02	.02	.02		.01	.02	.01	.01	.02	.02	.03	.02	.02	.016	23	.06
27*	.01	.01	.02	.02	.02	.01	.01	.02	.02	.01	.01	.01	.01	.01		.01	.01	.01	.02	.01	.02	.03	.04	.13	.021	23	.16
28	.14	.07	.05	.01	.01	.01	.03	.04	.05	.03	.02	.02	.02	.01											.036	14	.18
29																											
30																											
31																											
MEAN	.06	.05	.03	.03	.02	.03	.03	.05	.06	.04	.03	.02	.02	.02			.02	.02	.02	.02	.04	.06	.06	.07	.035		
NO	21	21	21	22	21	21	21	21	21	19	17	19	18	16	3	14	18	20	20	20	21	20	19	20		454	
MAX	.49	.44	.19	.24	.21	.19	.28	.31	.24	.13	.09	.07	.05	.05	.05	.03	.07	.07	.07	.10	.15	.27	.34	.43	.139		.52

* Indicates Saturday or Sunday
Local standard time used

TABULATED THU., MAR. 16, 1967

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONCENTRATION IN PPM
COLORIMETRIC ANALYSIS

CINCINNATI, OHIO

NITRIC OXIDE
APRIL 1966

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS	5-MIN. MAX
1																	.01	.01	.01	.02	.05	.07	.12	.16	.023	22	.17
2*	.00	.00	.01	.00	.00	.00	.00	.01	.01	.01	.01	.01	.01	.01			.01	.01	.01	.02	.03	.03	.01	.01	.039	23	.28
3*	.20	.26	.14	.06	.02	.00	.01	.00	.01	.01	.01	.01	.01	.02		.01	.01	.01	.01	.01	.01	.01	.01	.03	.012	23	.04
4	.01	.00	.00	.00	.00	.00	.01	.02	.04	.03	.02	.02	.01	.02		.01	.01	.01		.02	.02	.02	.02	.01	.020	13	.05
5	.02	.01	.02	.01	.02	.02	.03	.04																			
6	.01	.01	.01	.00	.00	.01	.01	.01											.02	.01	.01	.01	.03	.02	.011	14	.03
7	.01	.01	.00	.00	.00	.00	.02	.03											.01	.01	.02	.05	.05	.08	.020	14	.10
8	.12	.09	.09	.07	.07	.06	.07	.07	.05	.04	.03	.03	.01	.01		.01	.01	.01	.01	.01	.01	.00	.00	.01	.038	23	.13
9*	.00	.00	.00	.00	.00	.00	.00	.01	.01	.01	.02	.02	.02	.01			.01	.01	.01	.02	.02	.02	.03	.05	.012	22	.05
10*	.06	.07	.08	.07	.05	.05	.06	.06	.05	.04	.02	.01	.01	.02			.01	.01	.01	.01	.02	.02	.01	.01	.034	22	.10
11																											
12																											
13																											
14																											
15																											
16*																											
17*		.16	.14	.19	.15	.17	.14	.13	.14		.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.056	22	.22
18	.00	.00	.00	.00	.00	.00	.00			.00	.00	.00	.00	.00	.00	.00	.00	.00			.01	.00	.00	.00	.000	20	.02
19	.00	.00	.00	.00	.00	.00	.00	.00	.00		.00	.01		.00		.01	.02	.02	.01	.01	.00	.00	.00	.00	.004	21	.03
20	.00	.00	.00	.00	.00	.00	.01	.01	.02	.01	.01	.01	.01	.02											.008	14	.02
21																											
22																											
23*																											
24*	.07	.02	.01	.01	.01	.01	.02	.02	.02	.01	.01	.01	.01	.01			.03	.05	.08	.07	.06	.06	.06	.05	.029	22	.10
25	.06	.03	.02	.02	.01	.02	.07	.13	.06									.02	.02	.02	.02				.038	13	.16
26																											
27																											
28																											
29	.01	.01	.01	.01	.00	.00	.00	.01								.01	.02	.02	.01	.01	.01	.02	.02	.02	.009	17	.02
30*	.01	.01	.01	.01	.01	.01	.02	.03	.04	.05	.04	.08	.02	.01		.01	.01	.01	.01	.01	.02	.01	.02	.01	.019	23	.11
MEAN	.03	.04	.03	.03	.02	.02	.03	.04													.02						
NO.	16	17	17	17	17	17	17	16	12	10	12	12	11	12	2	8	12	13	14	15	16	15	15	15		328	
MAX	.20	.26	.14	.19	.15	.17	.14	.13	.14	.05	.04	.08	.02	.02	.00	.01	.03	.05	.08	.07	.06	.07	.12	.16	.056		.28

* Indicates Saturday or Sunday
Local standard time used

TABULATED THU., MAR. 16, 1967

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONCENTRATION IN PPM
COLORIMETRIC ANALYSIS

CINCINNATI, OHIO

NITRIC OXIDE
MAY 1966

DAY OF MONTH	AM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	PM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN MAX
1*	.01	.01	.01	.01	.01	.01	.01	.01	.01	.02	.02	.02	.02	.02		.02	.02	.01	.01	.01	.01	.01	.01	.01	.012	23	.03
2	.01	.01	.01	.01	.01	.00	.01	.02	.02	.01	.01	.01	.01	.01		.01	.01	.01	.01	.01	.02	.09	.12	.13	.024	23	.15
3	.10	.08	.07	.06	.03	.03	.05	.08									.01	.01	.01	.01	.01	.01	.01	.01	.036	16	.11
4	.01	.00	.00	.02	.02	.02	.07	.04	.03	.01	.01	.01	.01	.01		.00	.00	.01	.01	.01	.01	.01	.03	.05	.017	23	.10
5	.03	.01	.01	.02	.03	.02	.05	.08	.11								.00	.00	.00	.00	.00	.01	.01	.01	.022	17	.12
6																											
7*																											
8*		.02	.00	.00	.01	.01	.01	.01	.01	.01	.01	.00	.00	.01			.01	.00	.00	.00	.00	.00	.00	.00	.006	21	.02
9	.00	.00	.00	.00	.00	.00	.01	.02	.04	.04	.04	.04	.02	.02		.06	.03	.02	.02	.02	.02	.01	.01	.01	.018	23	.08
10	.00	.00	.00	.00	.00	.07	.16	.18	.05	.03	.01	.01	.01	.01		.01	.01	.01	.01	.00	.01	.01	.00	.00	.025	23	.24
11	.00	.00	.00	.00	.00	.00	.00	.01	.03	.03	.02	.02	.02	.02			.04	.05	.04	.04	.02	.03	.02	.02	.018	22	.06
12	.02	.02	.01	.01	.02	.02	.04	.02	.04	.04	.01	.01	.01	.01		.02	.01	.01	.01	.01	.02	.01	.01	.01	.016	23	.08
13	.02	.02	.03	.03	.03	.03	.02	.03	.05	.03	.03	.03	.03	.03		.03	.04	.06	.06	.05	.05	.04	.03	.04	.033	23	.07
14*	.03	.04	.03	.02	.02	.02	.01	.02	.03	.03	.01	.01	.01	.01		.01	.01	.01	.01	.01	.02	.04	.07	.08	.023	23	.10
15*	.07	.09	.10	.10	.12	.15	.13	.11	.05	.03	.01	.01	.01	.01		.01	.01	.01	.01	.01	.01	.02	.01	.01	.047	23	.18
16	.01	.01	.00	.01	.01	.01	.03	.08	.05	.03	.02	.02	.02	.02		.01	.01	.02	.02	.01	.02	.07	.08	.10	.029	23	.12
17	.08	.09	.06	.07	.10	.09	.08	.09	.05	.01						.00	.00	.01	.00	.01	.00	.01	.00	.01	.039	19	.12
18	.02	.01	.00	.00	.00	.00	.01	.07	.05	.06	.06	.06	.04				.01	.02	.02	.01	.01	.02	.08	.10	.030	21	.15
19																											
20																											
21*																											
22*																											
23																											
24																											
25																											
26																											
27																											
28*		.11	.11	.04	.03	.03	.03	.02	.02						.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.028	18	.15
29*	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.02	.06	.012	24	.08
30	.02	.02	.01	.01	.01	.01	.02	.01	.01	.01	.01	.01	.01	.01	.01	.00	.01	.01	.01	.01	.01	.01	.05	.13	.017	24	.16
31	.12	.03	.02	.02	.01	.02	.03	.04	.03								.01	.01	.01	.01	.00	.03	.06	.06	.029	17	.14
MEAN	.03	.03	.02	.02	.02	.03	.04	.05	.04	.02							.01	.01	.01	.01	.01	.02	.03	.04	.024		
NO	18	20	20	20	20	20	20	20	19	16	15	15	15	14	3	14	20	20	20	20	20	20	20	20		429	
MAX	.12	.11	.11	.10	.12	.15	.16	.18	.11	.06	.06	.06	.04	.03	.01	.06	.04	.06	.06	.05	.05	.09	.12	.13	.047		.24

* Indicates Saturday or Sunday
Local standard time used

TABULATED THU., MAR. 16, 1967

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONCENTRATION IN PPM
COLORIMETRIC ANALYSIS

CINCINNATI, OHIO

NITRIC OXIDE
JUNE 1966

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN MAX
1																											
2																											
3	.11	.10	.08	.09	.07	.09	.10	.12	.11	.06		.00	.00		.00	.02	.01	.01	.01	.01	.02	.04	.04	.05	.051	22	.17
4*	.03	.03	.05	.03	.01	.01	.01	.02		.00	.00	.00	.00	.00		.00	.00	.00	.00	.01	.01	.01	.04	.04	.014	22	.06
5*	.04	.01	.01	.01	.01	.01	.01	.01	.01	.01	.00	.01	.00	.01			.01	.01	.01	.02	.03	.03	.03	.03	.014	22	.05
6	.02	.01	.01	.01	.01	.01	.02	.01	.01	.01	.01	.01	.03	.03			.02	.03	.03	.03	.02	.02	.03	.03	.019	22	.05
7	.02					.01	.02	.01	.01		.01	.01	.01	.00			.02	.01	.00	.00	.03	.08	.07	.06	.021	17	.11
8	.04	.03	.04	.04	.01	.01	.01	.04	.04					.03	.02	.02	.02	.02	.01	.01	.01	.04	.11	.03	.030	20	.14
9	.02	.02			.01	.01	.02	.03	.03			.00	.01	.00	.00	.00	.01	.01	.00	.01	.01	.01	.01	.01	.009	20	.04
10	.01	.00			.01	.01	.02	.04	.06	.03	.02	.01	.01	.01			.00	.00	.00	.00	.00	.00	.00	.00	.011	20	.07
11*																											
12*																											
13	.04	.04	.05	.04	.06	.05	.04	.07	.05	.02	.01	.00	.00			.01	.01	.01	.01	.01	.01	.01	.01	.01	.025	22	.08
14	.02	.02	.01	.01	.01	.01	.01	.02	.02	.01	.01	.01	.01	.01			.00	.01	.01	.01	.01	.02	.02	.01	.011	22	.03
15	.01	.01	.03	.02	.02	.03	.05	.06	.09	.05						.03	.01	.00	.01	.03	.04	.05	.05	.03	.032	19	.11
16	.01	.01	.01	.01	.01	.00	.01	.03		.02	.02	.03	.03	.02	.04		.01	.01	.01	.01	.01	.03	.02	.02	.016	22	.06
17	.01	.01	.01	.01	.01	.01	.04	.06			.01	.00	.00	.00			.00	.01	.01	.01	.01	.09	.15	.15	.031	20	.17
18*	.14	.13	.12	.15	.16	.18	.22	.23		.03	.02	.00	.00	.00			.00	.01	.01	.01	.01	.03	.03	.12	.075	21	.25
19*	.15	.15	.11	.10	.08	.12	.11	.09	.07	.02	.01	.00	.00	.00			.00	.00	.00	.00	.01	.05	.11	.14	.060	22	.18
20	.15	.11	.09	.08	.06	.08	.09	.12	.06	.04			.00	.00				.01	.00	.00	.02	.04	.06	.10	.058	19	.17
21	.09	.11	.09	.09	.09	.08	.13	.19					.01	.00			.00	.00	.00	.00	.01	.02	.04	.05	.053	18	.20
22	.06	.07	.12	.08	.09	.08	.13	.14	.14	.06	.01	.00	.00	.00			.00	.00	.00	.00	.02	.05	.10	.13	.058	22	.18
23	.17	.16	.14	.12	.13	.11	.14	.20	.16	.02	.00	.01	.00	.00			.00	.00	.00	.00	.03	.06	.10	.10	.074	22	.26
24	.06	.09	.07	.08	.08	.08	.12	.14	.13		.02		.00	.00				.01	.00	.00	.03	.07	.09	.12	.062	19	.16
25*	.08	.07	.10	.19	.10	.10	.12	.10			.01	.00	.00	.00			.00	.00	.00	.00	.01	.03	.05	.08	.051	20	.23
26*	.07	.04	.06	.05	.05	.04	.06	.04	.02	.00	.00	.00	.00	.00			.00	.00	.00	.00	.02	.06	.12	.11	.033	22	.14
27																											
28										.00	.01	.01	.01	.00			.02	.01	.00	.00	.01	.10	.12	.10	.030	13	.14
29										.00	.00	.00	.01	.00			.01	.01	.01	.01	.01	.06	.21	.24	.058	22	.27
30	.07	.11	.14	.07	.10	.08	.09	.04	.01																		
MEAN	.06	.06	.07	.06	.05	.05	.07	.08	.06	.02	.01	.01	.00	.01			.01	.01	.01	.01	.02	.04	.07	.07	.037		
NO	23	22	20	20	22	23	23	23	17	17	18	19	22	21	4	6	22	24	24	24	24	24	24	24		490	
MAX	.17	.16	.14	.19	.16	.18	.22	.23	.16	.06	.02	.03	.03	.03	.04	.03	.02	.03	.03	.03	.04	.10	.21	.24	.075		.27

* Indicates Saturday or Sunday
Local standard time used

TABULATED THU., MAR. 16, 1967

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CINCINNATI, OHIO

CONCENTRATION IN PPM
COLORIMETRIC ANALYSIS

NITRIC OXIDE
JULY 1966

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5 MIN MAX
1	.09	.06	.01	.01	.03	.08	.03	.06	.04	.01	.01	.01	.00	.01			.00	.00	.00	.01	.01	.01	.01	.01	.023	22	.23
2*	.20	.23	.19	.16	.10	.16	.21	.05	.01	.01		.01	.01	.00			.00	.00	.01	.00	.01	.01	.02	.08	.068	21	.26
3*	.09	.09	.08	.08	.07	.07	.05	.03	.01	.02	.00	.00	.00	.00				.00	.00	.00	.00	.01	.00	.00	.029	21	.10
4	.00	.01	.01	.00	.01	.00	.01	.01			.06	.03	.02	.01				.00	.01	.01	.00	.00	.00	.01	.009	19	.07
5	.01	.00	.00	.00	.00	.00	.00	.01	.01			.00	.00	.00			.01	.00	.00	.01	.00	.05	.02	.01	.007	20	.09
6	.01	.01	.01	.00	.01	.01	.01	.02	.02	.03	.06	.04	.02	.01			.01	.01	.01	.01	.01	.01	.01	.01	.015	22	.07
7	.01	.01	.00	.01	.01	.01	.02	.05	.04	.04							.01	.01	.01	.01	.01	.01	.02	.03	.017	18	.06
8	.03	.03	.03	.04	.05	.05	.09	.12	.08	.03	.01	.01	.01	.00			.01	.01	.01	.01	.03	.05	.09	.12	.039	22	.15
9*	.07	.03	.02	.02	.03	.03	.03	.05		.02	.01	.01	.00	.00			.00	.00	.00	.01	.00	.01	.01	.01	.017	21	.11
10*	.01	.01	.01	.01	.01	.02	.02	.01	.01	.00	.00	.00	.00	.00			.00	.01	.01	.01	.01	.02	.02	.03	.009	22	.04
11	.02	.01	.01	.01	.02	.03	.05	.03	.03	.03		.02	.01	.01		.00	.01	.01	.02	.01	.01	.01	.02	.01	.017	22	.06
12	.01	.01	.01	.01	.01	.02	.02	.02		.01	.01	.01	.01	.01	.00			.04	.02	.01	.00	.01	.01	.00	.012	21	.05
13	.00	.01	.01	.01	.01	.01	.05	.11	.11	.02	.01	.00	.00	.00		.00	.01	.01	.03	.01	.02	.02	.05	.06	.023	23	.17
14	.05	.06	.07	.09	.13	.10	.09	.08	.05	.02	.01	.01	.00	.01		.02	.02	.02	.01	.02	.01	.01	.01	.01	.038	23	.14
15	.01	.01	.02	.01	.01	.01	.01	.02	.02	.01	.01	.01	.01	.01		.01	.01	.01	.01	.01	.01	.01	.01	.01	.011	23	.03
16*	.01	.01	.01	.01	.01	.01	.01	.02	.02		.01	.01	.01	.01		.00	.00	.00	.00	.00	.01	.01	.01	.04	.009	22	.09
17*	.11	.11	.11	.11	.08	.03	.02	.02	.01	.01	.01	.00	.00	.00		.00	.00	.00	.00	.00	.00	.03	.09	.13	.038	23	.15
18	.13	.12	.08	.04	.02	.02	.04	.04	.05	.02	.01	.01	.01	.01			.00	.00	.00	.00	.01	.01	.01	.00	.028	22	.15
19																											
20	.02	.02	.01	.01	.01	.01	.01			.01	.01	.01	.01	.00			.00	.00	.00	.00	.00	.00	.00	.00	.006	20	.04
21	.00	.00	.00	.00	.01	.03	.05	.04	.03	.01	.00	.00	.00	.00			.00	.01	.01	.01	.01	.01	.01	.01	.010	22	.07
22	.01	.01	.01	.07	.10	.10	.11	.15	.03	.01	.01	.01	.00	.00				.00	.00	.00	.00	.00	.00		.032	20	.19
23*																											
24*																											
25									.10	.04	.01	.01	.01	.00			.00	.00	.00	.00	.00	.02	.07	.08	.024	14	.12
26	.11	.10	.09	.11	.11	.07	.07	.11				.01	.01	.01		.00	.00	.00	.01	.00	.00	.00	.00	.02	.041	20	.13
27	.03	.01	.01	.01	.02	.01	.02	.04	.06	.02	.01	.01	.01	.01	.00	.01	.01	.01	.00	.01	.01	.02	.02	.01	.015	24	.07
28	.01	.02	.02	.01	.01	.01	.01	.02	.05	.05	.01	.01	.00			.04	.04	.04	.03	.03	.02	.02	.02	.01	.022	22	.07
29	.01	.01	.01	.01	.01	.00	.01	.02			.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.004	22	.03
30*	.00	.00	.00	.00	.00	.00	.01	.02				.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.01	.03	.004	21	.03
31*	.02	.02	.04	.06	.06	.06	.08	.07	.01	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.04	.12	.10	.029	24	.16
MEAN	.04	.04	.03	.03	.03	.03	.04	.05	.04	.02	.01	.01	.01	.00			.01	.01	.01	.01	.01	.01	.02	.03	.021		
NO	27	27	27	27	27	27	27	26	21	22	22	27	27	26	5	12	24	28	28	28	28	28	28	27		596	
MAX	.20	.23	.19	.16	.13	.16	.21	.15	.11	.05	.06	.04	.02	.01	.00	.04	.04	.04	.03	.03	.03	.05	.12	.13	.068		.26

* Indicates Saturday or Sunday
Local standard time used

TABULATED THU., MAR. 16, 1967

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONCENTRATION IN PPM
COLORIMETRIC ANALYSIS

CINCINNATI, OHIO

NITRIC OXIDE
AUG. 1966

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN MAX
1																											
2																											
3																											
4																											
5																											
6*																											
7*																											
8																											
9																											
10																											
11																											
12																											
13*																											
14*																											
15																											
16																											
17																											
18																											
19																											
20*																											
21*																											
22									.04	.03	.03	.03	.02	.02			.02	.02	.02	.02	.02	.05	.08	.08	.033	14	.09
23	.05	.02	.02	.02	.01	.01	.03	.06			.02	.02	.02	.01			.01	.01	.01	.01	.02	.03	.02	.02	.020	20	.08
24	.03	.04	.04	.03	.05	.07	.06	.11	.10	.03	.02	.01	.01	.01			.01	.02	.02	.02	.08	.09	.10	.13	.048	22	.18
25	.18	.11	.11	.07	.10	.06	.06	.14	.15	.06	.02	.01	.01	.01		.02	.02	.02	.02	.02	.06	.07	.11	.16	.068	23	.22
26	.12	.09	.08	.06	.05	.05	.07	.16	.12	.05	.02	.01	.02	.02			.02	.02	.02	.02	.07	.08	.14	.21	.068	22	.26
27*	.16	.15	.11	.11	.11	.08	.09	.09				.01	.01	.02		.02	.02	.01	.02	.02		.07	.12	.19	.074	19	.24
28*	.23	.20	.14	.11	.08	.06	.04	.06	.06	.05	.03	.02	.01	.01			.01	.01	.01	.02	.04	.10	.16	.12	.071	22	.29
29	.19	.15	.12	.11	.10	.10	.20	.22	.15	.06	.02	.01	.01	.01		.02	.01	.02	.02	.02	.07	.16	.20	.26	.097	23	.32
30	.25	.20	.22	.28	.25	.26	.21	.31	.18	.16	.11	.07	.04					.01	.00	.03	.04	.02	.02	.03	.134	20	.33
31	.09	.08	.05	.05	.04	.07	.11	.17	.20	.16	.03						.00	.02	.03	.03	.08	.08	.09	.10	.077	19	.22
MEAN NO	9	9	9	9	9	9	9	9	8	8	9	9	9	8		3	9	10	10	10	9	10	10	10		204	
MAX	.25	.20	.22	.28	.25	.26	.21	.31	.2	.16	.11	.07	.04	.02		.02	.02	.02	.03	.03	.08	.16	.20	.26	.134		.33

* Indicates Saturday or Sunday
Local standard time used

TABULATED THU., MAR. 16, 1967

A-27

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONCENTRATION IN PPM
COLORIMETRIC ANALYSIS

CINCINNATI, OHIO

NITRIC OXIDE
SEPT. 1966

DAY OF MONTH	AM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	PM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN MAX
1																											
2																											
3*																											
4*																											
5																											
6																											
7																											
8																											
9																											
10*																											
11*																											
12																											
13																											
14	.00	.00	.00	.00	.00	.00	.00	.02	.04							.00	.00	.00	.00	.00	.00	.02	.06	.07	.011	18	.09
15																											
16																											
17*	.27	.21	.30	.32	.25	.26	.28	.41				.01	.00	.00		.00	.00	.00	.00	.01	.02	.03	.06	.12	.127	20	.44
18*	.17	.21	.30	.24	.12	.13	.07	.04	.02	.04	.04	.03	.01	.01		.01	.01	.01	.01	.01	.01	.02	.01	.01	.065	23	.33
19	.00	.00	.01	.00	.00	.00	.01	.03			.02	.03	.02	.01		.03	.02	.02	.01	.01	.01	.01	.00	.00	.011	21	.04
20	.00	.00	.00	.00	.00	.00	.01	.03	.05	.04	.03	.03				.01	.01	.02	.02	.02	.08	.06	.09	.02	.025	21	.13
21																											
22	.02	.01	.01	.00	.00	.00	.01	.03	.03	.01	.00	.00	.00				.02	.02	.02	.05	.09	.07	.05	.05	.024	21	.12
23	.06	.03	.01	.01	.01	.02	.02	.04				.00	.00	.00	.00	.01	.01	.01	.02	.04	.07	.10	.09	.15	.033	21	.19
24*	.11	.12	.11	.09	.07	.05	.10	.19		.16	.07	.01	.01	.00			.01	.01	.01	.05	.21	.11	.14	.16	.084	21	.25
25*																											
26																											
27	.00	.00	.00	.00	.00	.00	.01	.05	.07	.06	.05	.04	.04	.03		.06	.11	.13	.09	.05	.07	.06	.06	.05	.044	23	.14
28	.04	.02	.02	.01	.00	.00	.03	.05	.08	.06	.04	.02	.01				.00	.00	.01	.09	.12	.19	.19	.14	.054	21	.23
29	.11	.08	.08	.04	.02	.02	.04	.03	.03	.02	.01	.01	.00	.00			.00	.01	.02	.05	.04	.03	.03	.01	.031	22	.14
30	.01	.00	.00	.00	.00	.00	.01	.04		.06	.04	.04	.03	.04		.05	.08	.08	.04	.02	.01	.01	.01	.00	.025	22	.10
MEAN	12	12	12	12	12	12	12	12	7	8	9	11	10	8	1	8	12	12	12	12	12	12	12	12		254	
NO	.27	.21	.30	.32	.25	.26	.28	.41	.08	.16	.07	.04	.04	.04	.00	.06	.11	.13	.09	.09	.21	.19	.19	.16	.127		.44
MAX																											

* Indicates Saturday or Sunday
Local standard time used

TABULATED THU., MAR. 16, 1967

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CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONCENTRATION IN PPM
COLORIMETRIC ANALYSIS

CINCINNATI, OHIO

NITRIC OXIDE
OCT. 1966

DAY OF MONTH	AM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	PM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN MAX
1*	.00	.00	.03	.02	.00	.00	.03	.04			.01	.01	.02	.01		.01	.01	.01	.03	.05	.10	.11	.23	.20	.044	21	.27
2*	.15	.10	.07	.11	.10	.06	.09	.09	.08	.05	.03	.01	.01	.01			.01	.01	.01	.01	.03	.04	.06	.03	.051	22	.17
3	.07	.02	.01	.02	.02	.01	.03	.08	.06	.06	.02		.00	.00		.01	.01	.01	.02	.02	.00	.00	.00	.01	.019	22	.11
4	.00	.00	.00	.00	.00	.00	.00	.01		.01	.01	.01	.01	.01		.00	.01	.01	.01	.01	.01	.01	.01	.01	.006	22	.02
5	.01	.01	.01	.01	.01	.01	.02	.06	.05	.02	.01	.01					.01	.02	.02	.06	.12	.12	.08	.03	.034	20	.13
6	.03	.02	.00	.00	.02	.01	.03	.11	.11	.05	.02	.01	.01	.03		.01	.03	.03	.03	.16	.20	.22	.23	.18	.066	23	.29
7	.16	.14	.12	.11	.10	.12	.15	.27	.23	.13	.10	.06	.03	.01			.02	.02	.09	.31	.37	.30	.14	.25	.146	22	.44
8*	.25	.16	.16	.13	.13	.08	.08	.11				.08	.02	.00		.01	.01	.01	.03	.07	.14	.14	.09	.20	.095	20	.29
9*	.08	.03	.03	.04	.02	.01	.01	.01	.02	.02	.02	.01	.03	.03		.01	.01	.01	.04	.04	.06	.05	.04	.02	.027	23	.17
10	.00	.00	.00	.00	.00	.00	.02	.05			.02			.00			.00	.01	.02	.04	.03	.01	.01	.00	.011	18	.06
11	.00	.00	.00	.00	.01	.02	.04	.06		.02	.01	.01		.02			.01	.01	.02	.04	.07	.11	.11	.05	.030	20	.19
12	.03	.01	.00	.01	.00	.02	.08	.20	.18	.13	.08	.03	.01	.03			.01	.04	.07	.03	.03	.02	.01	.02	.047	22	.22
13	.01	.01	.02	.00	.02	.00	.00	.03	.05	.04	.03	.03	.04	.04			.03	.10							.027	16	.14
14																											
15*	.00	.00	.00	.00	.00	.00	.00	.01		.02	.01	.02	.02	.03		.02	.03	.02	.02	.02	.03	.01	.02	.02	.013	22	.04
16*	.01	.01	.01	.01	.01	.01	.01	.01	.02	.02	.02	.02	.02	.02		.02	.04	.03	.06	.04	.02	.02	.03	.03	.020	23	.09
17	.09	.02	.01	.01	.01	.01	.02	.06	.08	.04	.03	.03	.02	.01		.02	.02	.03	.02	.04	.07	.08	.05	.05	.033	23	.11
18	.04	.02	.01	.01	.00	.00	.01	.03	.07		.03		.03	.04		.02	.04	.06	.06	.03	.02	.02	.03	.02	.028	21	.07
19	.01	.02	.01	.01	.00	.00	.02	.05	.06	.04	.03	.02	.02	.02		.03	.03	.05	.04	.05	.06	.07	04		.030	22	.08
20	.02	.01	.01	.01	.02	.01	.04	.08			.03	.03	.02	.01		.01	.02	.03	.10	.22	.37	.31	1	.19	.083	21	.41
21	.19	.14	.13	.11	.09	.09	.08	.19	.17	.08	.07	.03	.04	.04		.03	.04	.04	.05	.03	.02	.02		.01	.072	23	.24
22*	.02	.01	.01	.04	.03	.01	.01	.04		.02	.01	.01	.01	.01		.01	.01	.02	.04	.03	.05	.04	.02	.01	.020	22	.07
23*	.01	.02	.02	.02	.04	.04	.05	.12	.14	.07	.02	.02	.01	.01		.01	.01	.01	.05	.24	.31	.48	.45	.19	.110	23	.61
24	.35	.39	.43	.26	.32	.48	.50	.57	.95	1.00	.49	.02		.01		.02	.02	.04	.07	.40	.53	.36	.32	.30	.355	22	1.18
25	.26	.25	.32	.15	.09	.09	.14	.18	.15		.05	.02	.02	.01		.00	.01	.01	.01	.02	.04	.03		.11	.090	22	.41
26	.16	.19	.14	.06	.04	.05	.12	.20	.18	.11	.05	.03	.01	.01		.02	.02	.04	.04	.05	.07	.11	.19	.30	.094	23	.33
27	.29	.25	.29	.24	.22	.22	.22	.41	.62	.62	.59	.15	.03	.01			.03	.03	.14	.29	.03	.36	.26	.28	.271	22	.77
28	.30	.20	.16	.16	.12	.13	.17	.32	.28	.21	.13	.03	.01	.01		.01	.03	.06	.12	.13	.13	.10	.06	.08	.128	23	.41
29*	.07	.07	.05	.08	.08	.05	.05	.02			.02	.02	.02	.02		.02	.02	.02	.05	.07	.13	.13	.08	.05	.054	21	.16
30*	.03	.02	.03	.06	.06	.17	.11	.19	.25	.19	.04	.01	.01	.01		.01	.02	.03	.06	.05	.04	.03	.02	.02	.064	23	.29
31	.01	.00	.01	.02	.03	.03	.07	.14	.14	.07	.05	.03		.02		.04	.05	.08	.13	.13	.09	.03	.00	.00	.053	22	.19
MEAN	.08	.07	.07	.06	.05	.06	.07	.12	.18	.13	.07	.03	.02	.02		.02	.02	.03	.05	.09	.12	.11	.10	.10	.072		
NO	30	30	30	30	30	30	30	30	21	23	29	27	25	29		22	30	30	29	29	29	29	29	28		649	
MAX	.35	.39	.43	.26	.32	.48	.50	.57	.95	1.00	.59	.15	.04	.04		.04	.05	.10	.14	.40	.53	.48	.45	.39	.355		1.18

* Indicates Saturday or Sunday
Local standard time used

TABULATED THU., MAR. 16, 1967

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONCENTRATION IN PPM
COLORIMETRIC ANALYSIS

CINCINNATI, OHIO

NITRIC OXIDE
NOV. 1966

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS	5 MIN MAX
1	.00	.00	.01	.00	.00	.00	.01	.07	.14							.03	.03	.03	.03	.02	.02	.02	.03	.02	.025	18	.16
2	.01	.00	.00	.00	.00	.00	.01	.04		.04	.05	.06	.05	.03		.03	.03	.02	.02	.01	.01	.00	.00	.00	.018	22	.08
3	.00	.00	.00	.00	.00	.00	.01	.01	.03	.02	.02	.02	.01				.02	.02	.03	.02	.02	.01	.01	.02	.012	21	.04
4	.02	.02	.02	.01	.01	.01	.06	.10	.11	.07	.04	.04	.04	.04			.04	.08	.10	.13	.08	.07	.07	.04	.055	22	.17
5*	.04	.03	.03	.09	.04	.05	.07	.05			.02	.04	.06	.05			.04	.04	.05	.04	.04	.04	.14	.21	.058	20	.29
6*	.20	.22	.22	.15	.09	.03	.04	.05	.07	.07	.09	.03	.02	.01			.02	.03	.05		.02	.01	.00	.00	.067	21	.26
7																											
8																											
9	.08	.05	.04	.02	.05	.04	.08	.10	.08	.06	.12	.08	.04	.02			.04	.04	.02	.01	.01	.01	.02	.05	.048	22	.13
10																											
11							.04	.06	.08	.07	.02	.05	.04	.03			.03	.05	.12	.18	.21	.21	.23	.23	.103	16	.35
12*	.37	.25	.11	.13	.12	.13	.09	.09		.19	.16	.09	.03	.02			.02	.03	.03	.02	.04	.05	.07	.09	.100	21	.41
13*	.09	.07	.04	.02	.02	.02	.02	.08	.04	.02	.02	.02	.01	.01			.01	.01	.03	.06	.05	.20	.11	.29	.056	22	.46
14	.47	.49	.35	.25	.20	.20	.18	.27	.41	.46	.51	.44	.06	.02		.02	.03	.09	.31	.76	.44	.47	.43	.36	.313	23	.86
15	.38	.39	.13	.01	.00	.00	.02	.05	.11	.08						.03	.04	.08	.11	.13	.51	.52	.42	.26	.170	19	.58
16	.20	.20	.15	.10	.07	.07	.11	.20	.26	.19	.17	.08	.02	.01					.09	.06	.05	.00	.00	.03	.103	20	.29
17	.04	.01	.00	.00		.01	.03	.06		.07	.03	.02	.01	.01		.02	.02	.05	.13	.14	.09	.05	.03	.03	.040	21	.17
18	.03	.03	.03	.03						.02	.02	.02					.03	.03	.02	.01	.02	.01	.01	.02	.021	15	.05
19*	.02	.01	.01	.01	.01	.00	.01	.01		.01	.02	.02	.02	.02		.01	.02	.02	.03		.03	.00	.00	.01	.013	21	.05
20*	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.02	.01	.01	.01			.01	.01	.02	.03	.02	.03	.05	.04	.012	22	.06
21	.04	.04	.04	.05	.06	.09	.29	.30	.19							.02	.02	.05	.07	.04	.18	.14	.14	.10	.103	18	.42
22	.04	.03	.02	.01	.02	.02	.03	.10		.04	.03							.04	.04	.02	.03	.01	.01	.01	.029	17	.15
23																											
24	.03	.04	.04	.04	.04	.02	.03	.04			.03	.02	.02	.01		.01	.03	.07	.05	.04	.05	.05	.04	.04	.034	21	.11
25	.02	.01	.01	.00	.00	.00	.00	.02		.04	.05	.05	.03	.04			.06	.06	.03	.02					.025	17	.09
26*									.07		.05	.06	.08	.09			.24	.10	.04	.02	.03	.02	.01	.02	.063	13	.33
27*	.01	.02	.01	.01	.01	.01	.01	.01	.02	.02							.01	.01	.02	.02	.02	.02	.02	.01	.014	18	.03
28	.01	.01	.01	.01	.01	.01	.03	.04	.04	.02	.01	.01	.02	.02				.02	.02	.02	.01	.02	.02	.02	.017	21	.05
29	.02	.01	.01	.01	.01	.01	.02	.02	.03	.03							.02	.03	.03	.01	.01	.01	.01	.01	.017	18	.03
30	.01	.01	.01	.01	.01	.02	.03	.06	.08	.06	.05	.04	.03	.03		.02	.04	.11	.11	.10	.07	.04	.04	.03	.043	23	.13
MEAN	.09	.08	.05	.04	.03	.03	.05	.08	.10	.07	.07	.06	.03	.03			.04	.04	.06	.08	.08	.08	.08	.08	.061		
NO.	24	24	24	24	22	23	24	24	17	21	21	20	19	18		9	23	25	26	24	25	25	25	25		512	
MAX	.47	.49	.35	.25	.20	.20	.29	.30	.41	.46	.51	.44	.08	.09		.03	.24	.11	.31	.76	.51	.52	.43	.36	.313		.86

* Indicates Saturday or Sunday
Local standard time used

TABULATED THU., MAR. 16, 1967

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONCENTRATION IN PPM
COLORIMETRIC ANALYSIS

CINCINNATI, OHIO

NITRIC OXIDE
DEC. 1966

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS	5-MIN MAX.
1	.03	.02	.02	.01	.01	.01	.03	.07	.07	.05	.05	.07	.07	.05		.03	.04	.05	.04	.03	.02	.01	.01	.01	.034	23	.11
2	.01	.01	.00	.00	.00	.00	.01	.03	.04	.03	.03	.03	.03	.03				.01	.01	.01	.01	.00	.01	.02	.014	21	.05
3*	.01	.01	.00	.01	.02	.03	.07	.06	.08		.07		.04	.02			.01	.01	.02	.01	.03	.02	.01	.02	.028	20	.09
4*	.01	.02	.01	.01	.01	.01	.01	.01	.02	.03	.03	.04	.03	.03			.03	.04	.04	.03	.03	.02	.03	.02	.022	22	.05
5	.01	.01	.01	.01	.01	.01	.01	.04	.08	.07	.04	.04	.04	.03		.05	.07	.07	.06	.02	.02	.03	.02	.02	.033	23	.10
6	.02	.01	.00	.00	.00	.00	.01	.03	.05	.05	.04		.04	.07		.09	.07	.04	.03	.03	.08	.08	.04	.02	.035	22	.11
7	.04	.05	.07	.01	.00	.00	.00	.02	.03	.02	.04	.05	.09	.11			.11	.07	.02	.01	.02	.04	.03	.04	.038	22	.13
8	.03	.04	.05	.05	.05	.05	.04	.04	.09	.05	.04	.06				.06	.02	.03	.02	.01	.01	.03	.03	.01	.038	21	.12
9	.02	.02	.02	.04	.03	.01	.04	.04	.07	.07	.15	.14	.09	.07		.09	.10	.12	.08	.06	.07	.05	.05	.05	.064	23	.20
10*	.04	.04	.04	.03	.02	.02	.02	.03		.03	.03	.04	.05	.03		.03	.03	.04	.05	.03	.05	.03	.03	.02	.032	22	.07
11*	.02	.02	.01	.01	.01	.01	.01	.01	.02	.02	.02	.02	.02	.02		.02	.02	.03	.03	.02	.02	.02	.01	.01	.018	23	.04
12	.01	.01	.00	.00	.00	.00	.01	.02	.03	.02	.03	.03	.03	.03		.04	.05	.05	.04	.03	.02	.02	.02	.02	.021	23	.06
13	.01	.01	.01	.01	.01	.01	.01	.04	.05	.04	.04	.05	.06	.06		.06	.05	.05	.07	.04	.04	.04	.04	.05	.037	23	.08
14	.07	.05	.01	.01	.02	.02	.02	.06	.06	.04				.04			.05	.07	.10	.08	.07	.08	.10	.06	.052	19	.12
15	.06	.07	.05	.04	.03	.05	.07	.12	.16	.11	.07	.06	.05	.04		.05	.06	.09	.06	.05	.07	.05	.06	.06	.065	23	.18
16	.04	.04	.03	.02	.01	.01	.05	.09			.05	.04	.03	.03		.03	.04	.08	.16	.13	.17	.20	.19	.17	.076	21	.24
17*	.09	.05	.04	.05	.03	.05	.04	.03					.03	.02		.04	.05	.06	.09	.06	.04	.04	.03	.01	.043	19	.11
18*	.01	.01	.01	.02	.02	.02	.02	.04	.05	.06	.04	.02	.01	.02			.02	.01	.03	.04	.04	.06	.07	.05	.029	22	.09
19																											
20																											
21	.01	.01	.01	.02	.02	.01	.04		.08	.06	.07	.04	.02	.03		.02	.05	.06	.03	.02	.02	.02	.02	.02	.030	22	.10
22	.02	.02	.01	.05	.07	.07	.10	.17	.22	.16	.08	.06	.04			.03	.04	.05	.04	.03	.03	.03	.03	.03	.061	22	.25
23	.02	.02	.01	.01	.01	.00	.00	.02	.03			.02	.02	.03		.03	.03	.03	.03	.03	.03	.02	.02	.01	.018	21	.04
24*	.02	.02	.01	.01	.01	.01	.01	.01		.03	.02	.02	.02	.02		.03	.03	.03	.05	.06	.05	.03	.03	.04	.024	22	.07
25*	.04	.03	.03	.01	.00	.01	.01	.01	.02	.01	.02	.02	.02	.01			.01	.02	.03	.05	.05	.07	.06	.07	.026	22	.09
26	.08	.07	.06	.04	.03	.04	.05	.04	.07	.10	.05	.02	.01	.02			.02	.03	.06	.07	.15	.21	.28	.27	.080	22	.38
27	.45	.33	.24	.21	.21	.23	.28	.35	.51	.56		.15	.07	.03		.04	.03	.03	.03	.02	.01	.01	.00	.00	.171	22	.58
28	.00	.00	.00	.00	.00	.00	.00	.02	.05	.02	.03					.07	.05	.03							.019	14	.10
29											.01	.01	.01	.01		.01	.02	.03	.01	.03	.03	.02	.02	.02	.017	13	.05
30	.02	.01	.02	.02	.01	.03	.07	.13	.11	.08	.08	.05	.02	.01		.02	.05	.09	.13	.20	.21	.12	.08	.07	.070	23	.24
31*	.04	.07	.06	.05	.03	.04	.02	.04		.05	.02	.03	.03	.03		.06	.05	.06	.02	.01	.02	.05	.03	.01	.037	22	.08
MEAN	.04	.04	.03	.03	.02	.03	.04	.06	.09	.07	.05	.05	.04	.03		.04	.04	.05	.05	.04	.05	.05	.05	.04	.043		
NO.	28	28	28	28	28	28	28	27	23	24	25	24	26	26		21	28	29	28	28	28	28	28	28		617	
MAX	.45	.33	.24	.21	.21	.23	.28	.35	.51	.56	.15	.15	.09	.11		.09	.11	.12	.16	.20	.21	.21	.28	.27	.171		.58

* Indicates Saturday or Sunday
Local standard time used

TABULATED THU., MAR. 16, 1967

A 31

CONTINUOUS AIR MONITORING PROGRAM

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

CINCINNATI, OHIO

CONCENTRATION IN PPM
COLORIMETRIC ANALYSIS

NITROGEN DIOXIDE
JAN. 1966

DAY OF MONTH	AM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	PM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5 MIN MAX
1*	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01			.01	.01	.01	.01	.01	.01	.01	.01	.010	22	.02
2*	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01		.01	.01	.01	.01	.01	.01	.01	.01	.01	.010	23	.01
3	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.02		.02	.02	.02	.02	.02	.02	.02	.02	.02	.014	23	.02
4	.02	.01	.01	.01	.01	.01	.01	.01	.02	.03	.03		.01	.02		.02	.02	.02	.02	.02	.02	.02	.02	.02	.017	22	.03
5	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02		.02	.02	.02	.02	.02	.02	.02	.02	.02	.019	23	.03
6	.02	.02	.02	.02	.02	.02	.02	.01	.01	.02	.01	.02	.02	.02	.01		.03	.03	.02	.02	.02	.02	.02	.02	.018	23	.03
7	.02	.02	.01	.01	.01	.01	.02	.02	.02	.02	.02	.02	.02	.01	.01	.02	.01	.01	.01	.01	.01	.01	.01	.00	.013	24	.03
8*	.00	.00	.00	.01	.01	.01	.01	.01	.01	.01	.01	.01	.00	.01	.00	.01	.01	.01	.01	.01	.01	.01			.007	22	.01
9*	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.03	.05		.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.017	23	.06
10	.02	.01	.01	.01	.01	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.01	.01	.01	.017	24	.02
11	.01	.01	.01	.01	.01	.01	.02	.02	.01	.02	.02		.02	.02		.01	.02	.03	.03	.03	.03	.03	.02	.02	.019	22	.03
12	.02	.01	.02	.02	.01	.01	.01	.02	.02	.02	.02	.02	.02	.02		.01	.02	.03	.03	.03	.03	.03	.03	.03	.021	23	.03
13	.02	.02	.02								.06	.05	.04	.03		.02	.02	.02	.02	.03	.03	.03	.03	.02	.028	16	.06
14	.02	.02	.02	.02	.02	.03	.03	.02	.02	.02	.02	.02	.02	.04		.03	.03	.03	.04	.04	.03	.03	.03	.03	.026	23	.05
15*	.03	.03	.03	.03	.03	.04	.04	.04	.03	.03	.04	.03	.03	.03		.03	.04	.03	.03	.03	.03	.03	.02	.03	.032	23	.05
16*	.03	.02	.02	.02	.02	.02	.02	.03	.02	.02	.02	.03	.03	.03											.023	14	.03
17																											
18	.03	.03	.03	.03	.03	.02	.02	.02	.03	.03	.02	.02	.03	.02		.03	.03	.03	.03	.04					.025	19	.04
19											.04	.03	.03	.02		.03	.03	.03	.03	.03	.03	.04	.04	.03	.031	13	.06
20	.03	.04	.04	.03	.03	.03	.03		.02	.02	.03	.03	.03	.03											.030	13	.04
21																											
22*	.03	.03	.03	.03	.03	.03	.03	.02	.03	.02	.03	.03	.03	.03		.03	.03	.04	.03	.03	.03	.02	.02	.02	.028	23	.04
23*	.02	.02	.02	.02	.02	.01	.01	.02	.02	.02	.02	.02	.02	.02			.02	.02	.02	.02	.02	.02	.03	.02	.019	22	.03
24	.02	.03	.03	.03	.03	.02	.03	.02	.02	.04	.04	.04	.04	.05			.04	.04	.04	.04	.03	.03	.03	.03	.032	22	.06
25	.03	.03	.02	.03	.03	.04	.04	.03	.03	.03	.03	.03	.03	.03		.03	.04	.04	.04	.04	.03	.03	.03	.03	.032	23	.04
26	.03	.02	.02	.02	.02	.02	.02	.02	.02			.04	.03	.03			.03	.03	.03	.03	.03	.03	.03	.03	.026	20	.05
27	.02	.03	.02	.02	.02	.02	.02	.02	.02	.03	.03	.03	.02	.02		.02	.02	.02	.02	.02	.02	.02	.02	.02	.021	23	.03
28	.02	.01	.01	.01	.01	.01	.01	.02	.02		.03	.02		.03		.02	.02	.02	.03	.02	.02	.02	.02	.02	.018	21	.05
29*	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.03	.03	.03		.02	.03	.03	.03	.03	.03				.024	20	.03
30*																											
31																											
MEAN	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02		.02	.02	.02	.02	.02	.02	.02	.02	.02	.021		
NO	26	26	26	25	25	25	25	24	25	23	26	25	25	27	5	20	25	25	25	25	24	23	22	22		569	
MAX	.03	.04	.04	.03	.03	.04	.04	.04	.03	.04	.06	.05	.04	.05	.02	.03	.04	.04	.04	.04	.03	.04	.04	.03	.032		.06

* Indicates Saturday or Sunday
Local standard time used

TABULATED THU., MAR. 16, 1967

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONCENTRATION IN PPM
COLORIMETRIC ANALYSIS

CINCINNATI, OHIO

NITROGEN DIOXIDE
FEB. 1966

DAY OF MONTH	AM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	PM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN MAX
1	.04	.04	.04	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03			.03	.03	.03	.06	.06	.04	.03	.03	.034	22	.08
2	.03	.03	.02	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03			.03	.03	.03	.03	.03	.02	.03	.02	.028	22	.03
3	.02	.02	.02	.01	.01	.01	.02	.03	.03		.03	.03	.02	.03		.02	.03	.03	.03	.04	.04	.03	.03	.03	.025	22	.04
4	.03	.03	.03	.02	.03	.03	.03	.03	.03	.03	.03	.03	.02	.02		.02	.02	.02	.03	.02	.02	.02	.03	.03	.026	23	.03
5*	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03			.03	.03	.03	.03	.03	.03	.03	.03	.030	22	.03
6*	.03	.03	.03	.03	.03	.02	.02	.02	.02	.02	.03	.03	.03	.02				.03	.04	.04	.04	.04	.04	.04	.029	21	.04
7	.03	.03	.03	.03	.03	.03	.03	.03	.03	.05	.05	.05	.05	.05			.05	.05	.04	.04	.04	.04	.04	.04	.039	22	.05
8	.03	.03	.03	.03	.03	.03	.03	.03	.03							.04	.05	.05	.06	.06	.06	.06	.06	.05	.042	18	.06
9	.05	.05	.04	.04	.03	.03	.04	.04	.04		.06	.04	.04	.04		.04	.05	.05	.06	.05	.04	.04	.03	.03	.041	22	.07
10	.02	.02	.02	.02	.02	.03	.04	.05	.06	.06	.05	.05	.06	.06		.04	.04	.04	.04	.03	.04	.03	.02	.03	.037	23	.06
11	.02								.04	.04	.03	.03	.03	.04		.03	.03	.04	.03	.03	.03	.03	.04	.04	.033	16	.04
12*	.04	.04	.03	.05	.04	.04	.05	.05	.06	.04	.04	.04	.04	.03			.03	.04	.04	.04	.04	.03	.03	.03	.040	22	.06
13*	.03	.03	.03	.04	.04	.04	.04	.03	.03	.03	.03	.03	.03	.03		.02	.03	.04	.05	.05	.05	.04	.04	.04	.035	23	.05
14	.03	.03	.03	.03	.03	.03	.02	.02	.02	.01			.03	.04		.03	.03	.03	.03	.03	.03	.03	.03	.03	.028	21	.04
15	.02	.02	.02	.02	.02	.03	.03	.03	.03	.03	.04	.04	.03	.03			.03	.03	.03	.03	.03	.03	.03	.03	.028	22	.04
16	.03	.03	.03	.03	.03	.03	.03	.03	.03		.03	.03	.02	.03			.03	.03	.02	.02	.02	.03	.03	.03	.028	21	.04
17	.02	.02	.03	.02	.01	.02	.02	.03	.03	.03	.03	.03	.02	.02		.02	.03	.03	.03	.04	.04	.04	.04	.04	.027	23	.04
18	.04	.04	.03	.03	.03	.03	.03	.03	.03	.04	.04	.04	.04	.03		.03	.04	.04	.04	.04	.04	.04	.04	.04	.035	23	.04
19*	.04	.04	.04	.03	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02			.02	.03	.03	.02	.02	.02	.03	.02	.024	22	.04
20*	.02	.03	.03	.03	.02	.02	.02	.03	.02	.03	.02	.02	.02	.02			.02	.03	.03	.03	.03	.03	.03	.03	.025	22	.03
21	.03	.03	.03	.03	.02	.02	.02	.03	.03	.03	.03	.03	.04	.03		.02	.03	.03	.03	.04	.04	.03	.03	.03	.029	23	.04
22	.03	.03	.03	.03	.03	.03	.02	.03	.03	.03			.04	.04		.03	.03	.03	.04	.05	.04	.03	.03	.03	.031	21	.05
23	.02	.02	.02	.02	.02	.02	.02	.02	.02	.03	.02	.02	.02	.03		.03	.03	.03	.03	.02	.03	.02	.03	.02	.023	23	.03
24	.02	.03	.03	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.03		.03	.03	.04	.05	.05	.04	.04	.04	.04	.028	23	.07
25	.03	.02	.02	.02	.02	.02	.02	.02	.02			.06	.05	.05		.03	.05	.05	.06	.05	.04	.03	.03	.03	.034	21	.06
26*	.03	.03	.03	.03	.03	.03	.04	.04	.04	.04	.04	.04	.04	.03		.03	.03	.04	.04	.06	.06	.05	.04	.05	.038	23	.06
27*	.05	.04	.04	.04	.03	.03	.03	.03	.03	.03	.04	.04	.05			.04	.04	.04	.05	.05	.05	.05	.05	.04	.040	22	.06
28	.03	.03	.03	.02	.03	.04	.04	.04	.04	.04							.04	.03	.03	.03	.02	.02	.01	.01	.029	18	.05
MEAN	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03		.03	.03	.04	.04	.04	.04	.03	.03	.03	.032		
NO	28	27	27	27	27	27	27	27	28	23	23	24	26	25		17	27	28	28	28	28	28	28	28		606	
MAX	.05	.05	.04	.05	.04	.04	.05	.05	.06	.06	.06	.06	.06	.06		.04	.05	.05	.06	.06	.06	.06	.06	.05	.042		.08

* Indicates Saturday or Sunday
Local standard time used

TABULATED THU., MAR. 16, 1967

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CINCINNATI, OHIO

CONCENTRATION IN PPM
COLORIMETRIC ANALYSIS

NITROGEN DIOXIDE
MARCH 1966

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS	5-MIN MAX
1	.02	.03	.03	.02	.01	.01	.02	.03	.03	.02		.02	.01	.01			.03	.02	.03	.03	.04	.05	.05	.05	.026	21	.06
2	.04	.04	.03	.03	.03	.03	.03	.03	.03	.04	.04	.04	.05	.03			.05	.05	.05	.05	.04	.05	.04	.03	.039	22	.06
3	.04	.03	.02	.03	.03	.04	.04	.04	.04	.04	.04	.04	.04				.05	.05	.04	.04	.04	.03	.02	.02	.036	21	.06
4	.07	.02	.01	.01	.03	.03	.03	.03	.03	.02	.02	.02						.03	.03	.03	.05	.04	.03	.03	.027	19	.05
5*	.02	.03	.03	.03	.03	.04	.04	.04	.04	.03	.03	.03	.03	.03		.03	.03	.03	.04	.04	.03	.03	.03	.02	.031	23	.04
6*	.03	.03	.03	.02	.02	.02	.02	.03	.03	.03	.02	.02	.02	.01		.02	.03	.03	.03	.03	.03	.03	.02	.02	.024	23	.04
7	.02	.03	.02	.03	.04	.04	.04	.04	.04	.04	.04	.04	.04			.03	.04	.04	.04	.04	.04	.04	.03	.03	.035	22	.04
8	.03	.03	.03	.04	.03	.04	.04	.04	.04	.04	.03	.03	.03	.03		.04	.04	.04	.03	.04	.04	.04	.05	.05	.037	23	.05
9	.04	.04	.04	.04	.04	.03	.04	.04	.04			.05	.04	.04		.04	.05	.05	.07	.07	.07	.07	.07	.06	.048	21	.07
10	.06	.06	.05	.05	.05	.05	.05	.06	.06	.06	.07	.06	.07	.06		.05	.07	.07	.07	.07	.06	.06	.05	.05	.059	23	.08
11	.04	.05	.05	.04	.06	.05	.06	.06	.06	.07	.05	.04	.03	.03		.03	.05	.06	.07	.08	.08	.07	.08	.07	.055	23	.08
12*	.07	.08	.06	.06	.05	.04	.04	.05	.06	.06	.06	.06	.06	.06		.04	.05	.05	.05	.05	.05	.05	.05	.05	.054	23	.08
13*	.05	.04	.04	.04	.03	.04	.04	.04	.03	.03	.03	.03	.03	.03			.03	.02	.02	.02	.02	.02	.02	.01	.028	22	.05
14	.01	.00	.00	.00	.00	.00	.00	.01	.01	.01	.01	.02	.04	.05			.03	.03	.05	.06	.05	.05	.06	.06	.025	22	.06
15	.06	.05	.04	.04	.03	.03	.03	.03	.05	.06	.04	.02	.01	.01			.02	.02	.01	.02	.02	.02	.01	.01	.029	22	.07
16	.01	.01	.00	.00	.00	.00	.00	.00	.00	.01								.04	.04	.04	.05	.05	.05	.05	.020	17	.06
17																											
18																											
19*	.04	.04	.04	.03	.03	.03	.04	.04	.03	.03	.03	.03	.02	.02			.03	.03	.03	.03	.03	.03	.02	.02	.030	22	.04
20*	.02	.03	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02						.02			.06	.06	.05	.05	.028	17	.06
21	.05	.05	.04	.04	.04	.04	.04	.04	.05	.05	.05	.05	.06	.09		.07	.07	.07	.06	.06	.06	.05	.04	.05	.052	23	.12
22	.03	.02	.02	.02	.02	.02	.03	.04										.06	.04	.06	.07	.07	.07	.06	.042	15	.08
23																											
24																											
25	.02	.02	.03	.02	.02	.02	.03	.04	.04	.04	.03	.03	.02	.02		.02	.04	.05	.05	.06	.07	.07	.07	.06	.037	23	.07
26*	.06	.05	.05	.05	.05	.04	.03	.04	.04	.03	.03	.03	.03	.03		.02	.03	.03	.03	.04	.04	.05	.04	.04	.038	23	.06
27*	.04	.03	.04	.04	.04	.04	.04	.04	.03	.03	.03	.02	.02	.03		.02	.03	.03	.04	.04	.05	.06	.06	.07	.037	23	.07
28	.07	.06	.06	.05	.03	.03	.05	.05	.05	.04	.04	.04	.03	.03											.044	14	.07
29																											
30																											
31																											
MEAN	.04	.04	.03	.03	.03	.03	.03	.04	.04	.04	.04	.03	.03	.03			.04	.04	.04	.04	.05	.05	.04	.04	.037		
NO.	24	24	24	24	24	24	24	24	23	22	20	22	20	18		12	19	23	22	22	23	23	23	23		507	
MAX	.07	.08	.06	.06	.06	.05	.06	.06	.06	.07	.07	.06	.07	.09		.07	.07	.07	.07	.08	.08	.07	.08	.07	.059		.12

* Indicates Saturday or Sunday
Local standard time used

TABULATED THU., MAR. 16, 1967

CONTINUOUS AIR MONITORING PROGRAM

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

CONCENTRATION IN PPM
COLORIMETRIC ANALYSIS

CINCINNATI, OHIO

NITROGEN DIOXIDE
APRIL 1966

DAY OF MONTH	A M												P M												DAILY MEAN	NO OF HRS	5-MIN MAX
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12			
1																			.05	.04	.04	.04	.05	.04	.041	14	.05
2*	.03	.03	.03	.03	.03	.03	.02	.03	.03	.03	.02	.02	.02	.03		.01	.03	.03	.04	.04	.04	.04	.05	.04	.039	14	.05
3*	.04	.05	.04	.04	.03	.03	.03	.03	.03	.03	.03	.03	.04	.04		.02	.04	.04	.04	.04	.04	.04	.04	.04	.043	23	.05
4	.02	.02	.02	.02	.02	.02	.02	.03	.03	.03	.03	.03	.03	.03		.02	.03	.03	.03	.03	.03	.03	.03	.04	.035	23	.05
5	.04	.03	.03	.03	.03	.03	.03	.04											.06	.06	.05	.05	.05	.04	.041	14	.06
6	.04	.04	.04	.03	.03	.03	.04	.04											.05	.04	.04	.04	.05	.04	.041	14	.05
7	.05	.04	.04	.03	.03	.03	.04	.05											.04	.04	.04	.04	.04	.04	.039	14	.05
8	.05	.05	.04	.05	.05	.04	.04	.04	.04	.04	.04	.04	.04	.04		.02	.05	.05	.05	.05	.04	.04	.04	.04	.043	23	.05
9*	.04	.04	.03	.03	.03	.03	.03	.03	.03	.03	.03	.04	.04	.04		.02	.04	.04	.04	.04	.04	.04	.04	.05	.035	23	.05
10*	.05	.05	.05	.05	.04	.04	.04	.04	.04	.05	.04	.03	.04	.04		.02	.05	.04	.04	.04	.05	.05	.05	.05	.043	23	.06
11	.04	.04	.04	.03	.05	.06	.05	.05	.05	.06	.06	.04	.05	.05			.06	.06	.06	.05	.05	.05	.04	.04	.048	22	.06
12	.03	.03	.03	.03	.03	.02	.03	.04	.05	.05	.05	.05	.04	.04	.03										.036	15	.05
13																											
14																											
15																											
16*																											
17*	.07	.06	.06	.07	.06	.07	.06	.06	.08	.07	.05	.03	.03	.02			.04	.05	.05	.05	.05	.05	.05	.06	.053	22	.08
18	.06	.05	.05	.06	.05	.04	.04	.06	.07	.05	.04	.03	.03	.03		.03	.05	.06	.05	.06	.07	.06	.05	.04	.049	23	.08
19	.04	.03	.02	.02	.02	.02	.02	.03	.04	.04	.04	.03	.04	.05		.04	.05	.05	.05	.05	.03	.04	.03	.03	.035	23	.06
20	.03	.04	.03	.02	.01	.03	.04	.04	.05	.04	.03	.03	.04	.03		.04	.04	.04	.04	.04	.04	.04	.04	.03	.034	23	.05
21	.03	.02	.02	.03	.04	.03	.03	.03	.03	.03	.02	.03	.02	.03	.01										.026	15	.04
22																											
23*																											
24*	.04	.04	.03	.03	.03	.03	.03	.03	.03	.02	.02	.02	.03	.03			.05	.05	.05	.05	.05	.05	.05	.04	.035	22	.05
25																											
26																											
27		.02	.02	.02	.02	.02	.04	.04	.04									.04	.04	.04	.04	.05	.04	.04	.035	15	.05
28	.03	.03	.03	.03	.04	.04	.04	.04										.05	.05	.05	.05	.05	.05	.05	.042	15	.06
29	.05	.04	.04	.04	.03	.03	.03	.04									.04	.04	.04	.04	.04	.04	.04	.04	.038	16	.06
30*	.03	.03	.02	.02	.02	.02	.03	.03	.03	.03	.03	.04	.03			.03	.03	.03	.04	.04	.04	.04	.04	.04	.031	22	.04
MEAN	.04	.04	.03	.03	.03	.03	.03	.04	.04									.04	.04	.04	.04	.04	.04	.04	.038		
NO	20	21	21	21	21	21	21	21	16	15	15	15	15	14	2	10	14	16	19	19	19	19	19	19		413	
MAX	.07	.06	.06	.07	.06	.07	.06	.06	.08	.07	.06	.05	.05	.05	.03	.04	.06	.06	.06	.06	.07	.06	.05	.06	.053		.08

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Local standard time used

TABULATED THU., MAR. 16, 1967

A-35

CONTINUOUS AIR MONITORING PROGRAM

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

CINCINNATI, OHIO

CONCENTRATION IN PPM
COLORIMETRIC ANALYSIS

NITROGEN DIOXIDE
MAY 1966

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN MAX
1*	.03	.03	.03	.02	.02	.03	.03	.02	.03	.03	.04	.04	.04	.04		.03	.04	.04	.04	.04	.04	.04	.03	.03	.032	23	.04
2	.03	.04	.04	.04	.03	.03	.03	.03	.04		.02	.03	.03	.03		.03	.03	.04	.03	.03	.05	.07	.07	.07	.038	22	.08
3	.04	.06	.05	.05	.05	.05	.05	.06										.04	.03	.04	.04	.04	.04	.03	.045	15	.06
4	.03	.03	.03	.04	.04	.04	.05	.05	.05	.04	.03	.03	.03	.03		.02	.03	.03	.03	.04	.04	.05	.05	.05	.037	23	.06
5	.05	.04	.04	.05	.04	.04	.05	.05									.03	.03	.02	.03	.04	.04	.04	.04	.038	16	.06
6																											
7*																											
8*		.05	.03	.03	.05	.05	.05	.04	.03	.03	.03	.02	.02	.03			.03	.02	.03	.03	.03	.03	.03	.03	.033	21	.06
9	.03	.02	.02	.02	.02	.02	.03	.04	.04	.04	.04	.04	.04	.05											.031	14	.05
10																											
11																											
12										.04	.03	.03	.03	.03		.03	.03	.03	.04	.04	.04	.03	.04	.04	.034	14	.05
13	.05	.04	.04	.03	.03	.03	.03	.03	.04	.04	.04	.04	.04	.03		.03	.04	.04	.04	.04	.04	.04	.03	.03	.035	23	.05
14*	.03	.03	.03	.03	.03	.03	.03	.02	.03	.02	.03	.03	.03	.03		.02	.02	.03	.03	.04	.05	.05	.05	.05	.032	23	.05
15*	.04	.04	.04	.04	.04	.04	.05	.05	.06	.06	.03	.03	.03	.04		.04	.03	.04	.04	.04	.06	.06	.06	.06	.043	23	.07
16	.04	.04	.03	.04	.04	.04	.05	.06	.06	.05						.03	.04	.05	.05	.05	.05	.06	.06	.06	.047	19	.06
17	.05	.04	.04	.04	.04	.05	.05	.06	.07	.05	.03				.02	.01	.03	.03	.03	.02	.03	.04	.04	.05	.038	21	.08
18	.06	.05	.03	.03	.02	.02	.03	.04	.04	.04	.05	.03	.03					.02	.03	.04	.04	.05	.06	.05	.037	20	.06
19																											
20																											
21*	.08	.08	.07	.07	.07	.06	.06	.06	.07			.05	.05	.06		.06	.06	.07	.07	.06	.06	.05	.06	.07	.064	21	.08
22*	.06	.06	.06	.05	.03	.03	.03	.03	.02	.02	.02	.02	.02	.02	.01	.02	.02	.02	.02		.03	.04	.04	.03	.030	23	.07
23																											
24									.04	.02	.01	.03	.02	.01			.02	.02	.01	.02	.02	.03	.04	.03	.023	14	.04
25	.02	.02	.01	.01	.03	.03	.03	.03										.02	.02	.03	.05	.06	.06	.06	.032	15	.07
26	.06	.05	.05	.05	.05	.05	.05											.03	.03	.04	.07	.09	.08	.08	.055	14	.09
27	.07	.07	.07	.07	.07	.06	.06	.08	.10	.10	.06	.05	.05	.03	.03		.03	.03	.03	.05	.08	.09	.09	.08	.064	23	.12
28*	.08	.08	.08	.07	.06	.06	.07	.05	.04	.04							.03	.04	.04	.04	.05	.05	.05	.04	.053	18	.08
29*	.03	.03	.03	.03	.03	.02	.02	.03	.02	.02	.03	.03	.02	.02	.02		.03	.03	.03	.04	.04	.05	.06	.07	.031	23	.07
30	.05	.04	.04	.04	.05	.05	.05	.03	.03	.03	.03	.02	.02	.03			.03	.04	.04	.04			.06	.06	.039	20	.07
31	.06	.05	.05	.04	.05	.05	.05	.06									.04	.03	.04	.04		.06	.05	.05	.046	15	.06
MEAN	.05	.05	.04	.04	.04	.04	.04	.04	.04	.04	.03	.03	.03				.03	.03	.03	.04	.04	.05	.05	.05	.040		
NO	21	22	22	22	22	22	22	21	18	17	16	16	16	15	4	11	19	23	23	22	21	22	23	23		463	
MAX	.08	.08	.08	.07	.07	.06	.07	.08	.10	.10	.06	.05	.05	.06	.03	.06	.06	.07	.07	.06	.08	.09	.09	.08	.064		.12

* Indicates Saturday or Sunday
Local standard time used

TABULATED THU., MAR. 16, 1967

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONCENTRATION IN PPM
COLORIMETRIC ANALYSIS

CINCINNATI, OHIO

NITROGEN DIOXIDE
JUNE 1966

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN MAX
1	.05	.04	.04	.04	.04	.04	.05											.04	.03	.04	.04	.04	.04	.03	.040	14	.06
2	.03	.06	.05	.04	.03	.03	.03	.06								.03	.03	.03	.04	.04	.06	.07	.07	.06	.044	17	.11
3	.06	.05	.05	.05	.05	.05	.05	.06	.10	.11		.03	.03		.04	.05	.04	.05	.04	.06	.08	.08	.08	.08	.058	22	.12
4*	.07	.07	.07	.06	.05	.04	.05	.06		.03	.02	.03	.02	.03		.02	.03	.03	.04	.05	.05	.06	.07	.06	.046	22	.08
5*	.06	.04	.03	.04	.02	.02	.04	.04	.03	.02	.02		.02	.02				.03	.04	.05	.06	.06	.05	.04	.036	20	.07
6	.05	.04	.03	.03	.03	.04	.05	.04	.03	.03	.03	.04	.05	.05		.04	.04	.04	.05	.05	.04	.04	.04	.04	.039	23	.07
7	.04	.04	.04	.03	.03	.04	.04	.04	.05		.04	.03	.03	.02		.05	.04	.03	.03	.04	.07	.07	.07	.07	.041	22	.08
8	.06	.06	.05	.05	.04	.04	.04	.04	.04					.09	.06	.06	.07	.07	.05	.06	.06	.08	.07	.06	.057	20	.11
9	.08	.06	.04	.05	.04	.03	.03	.04	.05			.02	.02	.02			.02	.04	.03	.03	.03	.03	.04	.03	.036	20	.12
10	.02	.02	.02	.02	.02	.02	.03	.03	.03	.03	.03	.03	.03	.03		.04	.04	.03	.03	.03	.04	.04	.05	.04	.030	23	.06
11*	.04	.04	.03	.03	.03	.04	.03	.03	.03			.02	.02	.02			.02	.02	.02	.03	.05	.07	.08	.08	.036	20	.08
12*	.07	.06	.05	.05	.05	.04	.04	.05	.05	.05	.03	.02	.02	.03			.02	.03	.03	.06	.09	.09	.08	.08	.049	22	.10
13	.08	.07	.06	.06	.05	.04	.05	.07	.09	.07	.04	.03	.02	.02		.02	.03	.04	.04	.04	.03	.03	.04	.05	.046	23	.11
14	.05	.05	.03	.03	.03	.03	.04	.05	.05	.04		.04	.04	.03			.03	.04	.03	.03	.04	.05	.05	.04	.038	21	.06
15	.04	.04	.04	.04	.04	.04	.04	.04		.04							.03	.03	.05	.06	.06	.06	.04	.05	.042	17	.07
16	.04	.04	.03	.04	.03	.02	.03	.04			.05	.05	.05	.04				.03	.02	.03	.04	.06	.06	.04	.040	19	.09
17	.03	.03	.03	.03	.02	.02	.04	.03			.03	.03	.03	.03			.03	.04	.03	.04	.05	.07	.07	.06	.037	20	.09
18*	.05	.05	.04	.05	.05	.05						.02	.02	.02			.02	.03	.03	.04	.06	.07	.06	.07	.043	17	.08
19*	.07	.06	.06	.07	.05	.05	.06	.07	.09	.09	.04	.02	.02	.02	.02			.02	.02	.04	.06	.08	.08	.08	.053	22	.11
20	.07	.07	.06	.06	.05	.05	.05	.07	.12	.13				.03			.04	.04	.04	.04	.09	.09	.09	.09	.067	19	.14
21	.08	.08	.08	.07		.07	.07							.07	.06			.04	.03	.04	.08	.09	.09	.08	.067	15	.09
22	.08	.07	.08	.06	.06	.06	.06					.03	.02	.02			.03	.03	.02	.03	.07	.09	.09	.09	.054	18	.10
23	.08	.08	.08	.07	.07	.05	.06	.11	.17	.12	.05	.06	.02	.03			.02	.02	.03	.05	.09	.09	.09	.08	.068	22	.20
24	.07	.07	.06	.05	.05	.05	.05	.07	.12		.01		.03	.03	.02		.03	.05	.04	.04	.09	.11	.10	.10	.058	21	.14
25*	.09	.08	.08	.09	.07	.06	.07	.10			.09	.07	.04	.03	.02			.03	.04	.06	.08	.11	.11	.11	.069	20	.13
26*	.09	.08	.08	.07	.07	.06	.07	.08	.09	.07	.03	.03	.04	.02	.01			.03	.03	.04	.09	.09	.09	.08	.060	22	.10
27																											
28																											
29																											
30	.09	.07	.07	.06	.06	.06	.06	.07	.06	.06	.04	.03	.01	.02	.02			.03	.02	.03	.04	.06	.09	.08	.051	22	.09
MEAN	.06	.06	.05	.05	.04	.04	.05	.06	.07			.03	.03	.03			.03	.03	.03	.04	.06	.07	.07	.06	.048		
NO	27	27	27	27	26	27	26	23	17	14	15	19	21	23	8	8	19	27	27	27	27	27	27	27		543	
MAX	.09	.08	.08	.09	.07	.07	.07	.11	.17	.13	.09	.07	.05	.09	.06	.06	.07	.07	.05	.06	.09	.11	.11	.11	.069		.20

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TABULATED THU., MAR. 16, 1967

A-37

CONTINUOUS AIR MONITORING PROGRAM

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

Air Quality Section, Laboratory of Engineering and Physical Sciences
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CINCINNATI, OHIO

NITROGEN DIOXIDE
JULY 1966

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN MAX
1	.08	.06	.03	.02	.03	.05	.05	.07	.08	.06	.03	.02	.02	.02	.02			.03	.02	.03	.05	.06	.07	.06	.043	22	.10
2*	.10	.10	.09	.09	.08	.08	.09	.07	.04	.05		.03	.02	.02	.02			.03	.03	.03	.04	.05	.07	.09	.057	21	.11
3*	.09	.08	.08	.07	.06	.06	.06	.06	.05	.05	.03	.01	.01	.01	.01			.01	.03	.03	.03	.04	.03	.02	.041	22	.09
4																											
5																											
6	.02	.02	.02	.02	.02	.02	.03	.03	.03	.03	.04	.05	.03	.02				.04	.04	.03	.04	.04	.03	.03	.029	21	.05
7	.03	.02	.02	.03	.03	.04	.03	.04	.04	.04							.03	.03	.03	.03	.04	.05	.05	.05	.033	18	.06
8	.04	.04	.04	.04	.03	.03	.03	.05	.06	.05	.03	.03	.02	.02			.03	.03	.03	.03	.06	.06	.06	.07	.039	22	.07
9*	.06	.05	.05	.05	.05	.04	.04	.05			.04	.03	.03	.02			.02	.03	.04	.05	.03	.04	.05	.05	.041	20	.07
10*	.05	.04	.03	.03	.03	.03	.03	.02	.02	.02	.02	.02	.02	.02				.03	.04	.03	.04	.05	.05	.04	.030	21	.05
11	.04	.03	.03	.02	.04	.04	.03	.04	.04	.05		.04	.03	.03			.04	.04	.04	.04	.04	.04	.04	.03	.035	21	.05
12	.03	.03	.03	.03	.03	.03	.04	.04		.04	.03	.04	.03	.03					.03	.03	.03	.03	.02		.030	18	.05
13	.02	.02	.03	.03	.04	.04	.05	.06	.09	.07	.04	.03	.03	.02			.03	.05	.06	.05	.05	.05	.05	.05	.042	22	.10
14	.04	.04	.04	.04	.04	.03	.03	.04	.05	.05	.03						.08	.06	.06	.05	.04	.04	.04	.04	.044	19	.09
15	.04	.04	.05	.04	.03	.03	.04	.04	.04	.04	.03	.03	.03	.03		.03	.04	.04	.03	.04	.04	.04	.04	.04	.036	23	.05
16*	.04	.04	.04	.03	.03	.03	.03	.04			.04	.02	.02	.02			.02	.02	.02	.03	.03	.05	.05	.06	.033	20	.07
17*	.07	.06	.06	.06	.05	.05	.04	.05	.03	.03	.03						.02	.02	.02	.03	.03	.06	.08	.07	.044	19	.08
18	.07	.06	.05	.04	.03	.04	.03	.04	.09	.06	.03	.03	.04	.03			.02	.03	.03	.04	.05	.05	.04	.02	.042	22	.09
19	.02	.01	.01	.02	.01	.01	.03	.03	.03								.01	.01	.01	.01	.00	.00	.00	.00	.012	17	.05
20																											
21																											
22		.03	.03	.05	.05	.04	.04	.06	.06	.05	.03	.03	.02	.02			.03	.04	.03	.05	.05	.05	.04	.06	.041	21	.07
23*																											
24*																											
25									.08	.07	.04	.03	.02	.02			.03	.03	.03	.04	.04	.05	.07	.07	.045	14	.10
26	.06	.06	.05	.05	.05	.04	.03	.04				.05	.04	.04			.02	.04	.04	.03	.03	.03	.04	.07	.042	19	.08
27	.07	.06	.05	.06	.05	.04	.05	.06	.09	.07	.04	.02	.02				.04	.04	.03	.04	.07	.07	.06	.04	.050	21	.09
28	.05	.04	.03	.02	.02	.02	.02	.03	.03	.03	.02	.02	.02				.11	.08	.07	.07	.05	.04	.04	.03	.040	21	.16
29	.04	.03	.04	.04	.03	.02	.03	.03			.02	.01	.02	.02		.02	.02	.03	.02	.03	.03	.02	.02	.02	.025	21	.04
30*	.02	.02	.02	.02		.02	.02	.02					.02			.01	.01	.01	.01	.02	.03	.05	.06	.06	.024	17	.06
31*	.05	.05	.05	.04	.04	.04	.04	.04	.04	.07	.03	.01	.01	.01		.02	.01	.01	.02	.03	.07	.09	.09	.08	.039	23	.09
MEAN	.05	.04	.04	.04	.04	.04	.04	.04	.05	.05	.03	.03	.02	.02			.03	.03	.03	.03	.04	.04	.05	.05	.038		
NO	23	24	24	24	23	24	24	24	19	19	19	20	21	18	3	4	19	24	24	25	25	25	25	25		505	
MAX	.10	.10	.09	.09	.08	.08	.09	.07	.09	.07	.04	.05	.04	.04	.02	.03	.11	.08	.07	.07	.07	.09	.09	.09	.057		.16

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NITROGEN DIOXIDE
AUG. 1966

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5 MIN MAX
1	.07	.06	.06	.05	.04	.04	.04	.06	.09	.08			.02	.02		.02	.03	.04	.03	.04	.08	.10	.09	.07	.053	21	.11
2	.07	.05	.03	.02	.02	.02	.03	.04			.04	.04	.03	.02		.03	.04	.04	.04	.04	.04	.06	.06	.04	.037	21	.07
3	.02	.01	.01	.01	.01	.01	.02	.03	.02	.01	.02	.02	.01	.02			.03	.03	.03	.04	.04	.04	.04	.03	.021	21	.05
4	.04	.06	.06	.05	.05	.04	.04	.05	.07	.07	.05	.03	.02	.02		.01	.02	.03	.03	.03	.05	.06	.09	.09	.046	23	.09
5	.08	.08	.07	.07	.06	.06	.07	.09	.13	.13	.04	.03	.03	.02			.03	.05	.04	.06	.07	.09	.09	.08	.066	22	.15
6*	.08	.07	.07	.06	.06	.06	.08	.07	.12			.07	.03	.02			.02	.02	.02	.04	.09	.13	.13	.11	.068	20	.15
7*	.09	.07	.08	.08	.05	.03	.03	.03	.04	.03	.02	.02	.01	.02			.03	.03	.03	.04	.04	.03	.04	.03	.039	22	.10
8	.03	.03	.02	.03	.02	.03	.04	.04	.06			.03	.02	.03									.03	.03	.030	14	.06
9	.03	.04	.04	.04	.03	.04	.04	.04	.05	.06							.04	.05	.04	.03	.05	.06	.05	.05	.043	18	.07
10	.05	.05	.03	.04	.03	.03	.04	.04	.05	.03	.02	.02	.02	.02			.04	.06	.06	.03	.03	.03	.03	.02	.034	22	.07
11	.03	.03	.02	.03	.02	.01	.02	.02	.02	.02	.02	.02						.08	.07	.06	.07	.07	.06	.05	.037	19	.09
12	.05	.05	.06	.05	.04	.03	.03	.04			.04	.03	.02	.02				.04	.04	.08	.07	.07	.07	.06	.044	19	.08
13*	.06	.05	.04	.04	.02	.02	.02	.02		.04	.04	.04	.04	.03			.03	.04	.04	.03	.03	.03	.03	.02	.034	21	.06
14*	.02	.02	.02	.02	.01	.01	.01	.01	.02	.02	.02	.02	.02	.02				.03	.03	.03	.04	.03	.02	.03	.021	21	.04
15	.02	.02	.01	.01	.01	.01	.02	.02	.03	.02	.03	.03	.03	.03			.03	.04	.04	.04	.04	.04	.04	.02	.026	22	.05
16	.01	.01	.01	.01	.01	.01	.01	.02				.03	.03	.02			.02	.03	.03	.03	.06	.06	.06	.05	.026	19	.07
17	.05	.05	.05	.04	.04	.04	.04	.04		.07	.04	.02	.02	.02			.03	.04	.03	.03	.08	.08	.08	.08	.046	21	.09
18	.07	.06	.05	.04	.04	.04	.03	.03			.06	.02	.02	.03			.03	.03	.03	.04	.03	.04	.05	.05	.039	20	.08
19	.04	.04	.03	.03	.03	.02	.02	.05	.12	.16	.09	.05	.03	.03			.02	.03	.03	.03	.05	.03	.02	.02	.043	22	.18
20*	.02	.02	.01	.01	.01	.01	.01	.02				.03	.02	.02			.02	.02	.02	.02	.03	.03	.03	.02	.019	19	.04
21*	.02	.03	.02	.02	.02	.01	.02	.02	.02	.02	.02	.02	.02	.01				.02	.02	.02	.03	.03	.03	.03	.021	21	.04
22	.03	.03	.02	.02	.02	.03	.02	.02									.02	.03	.03	.04	.04	.05	.05	.04	.030	16	.05
23	.04	.03	.03	.03	.02	.02	.03	.03				.05	.04	.02			.03	.03	.03	.03	.05	.05	.04	.04	.034	19	.08
24	.04	.05	.04	.04	.04	.04	.04	.05	.06	.04	.03	.02	.02	.02			.03	.04	.04	.04	.05	.04	.04	.04	.038	22	.07
25	.04	.03	.03	.03	.03	.03	.03	.04	.07	.08	.03	.02	.02	.02		.02	.03	.03	.03	.03	.05	.05	.05	.05	.036	23	.08
26	.04	.04	.04	.04	.04	.04	.04	.05	.11	.12	.05	.02	.03	.03		.03	.04	.04	.03	.03	.06	.06	.05	.05	.046	23	.13
27*	.04	.04	.04	.03	.03	.03	.03	.04					.03	.03		.04	.04	.03	.03	.06	.07	.07	.06	.06	.043	19	.08
28*	.06	.05	.05	.04	.04	.04	.04	.04	.05	.07	.07	.05	.03	.03			.02	.03	.04	.06	.08	.08	.07	.06	.049	22	.08
29	.06	.06	.05	.04	.04	.04	.04	.04	.07	.10	.05	.02	.03	.03		.04	.03	.04	.06	.07	.09	.09	.08	.08	.055	23	.12
30	.08	.06	.06	.06	.06	.06	.05	.06	.07	.11	.11	.11	.11					.09	.07	.11	.12	.08	.07	.06	.080	20	.13
31	.05	.05	.04	.03	.03	.03	.03	.04	.09	.16	.11							.12	.13	.12	.13	.12	.11	.10	.082	18	.18
MEAN	.05	.04	.04	.04	.03	.03	.03	.04	.06	.07	.04	.03	.03	.02			.03	.04	.04	.04	.06	.06	.06	.05	.042		
NO	31	31	31	31	31	31	31	31	21	21	22	26	27	26		7	23	30	30	30	30	30	31	31		633	
MAX	.09	.08	.08	.08	.06	.06	.08	.09	.13	.16	.11	.11	.11	.03		.04	.04	.12	.13	.12	.13	.13	.13	.11	.082		.18

* Indicates Saturday or Sunday
Local standard time used

TABULATED THU., MAY 4, 1967

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONCENTRATION IN PPM
COLORIMETRIC ANALYSIS

CINCINNATI, OHIO

NITROGEN DIOXIDE
SEPT. 1966

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS.	5 MIN. MAX
1																											
2																											
3*																											
4*																											
5																											
6																											
7																											
8		.01	.01	.02	.02	.02	.03	.03	.04	.04	.02	.01	.00	.00			.03	.04	.01	.03	.02	.02	.03	.02	.022	21	.06
9	.03	.03	.04	.03	.03	.03	.03	.05	.07	.08			.01	.02			.03	.04	.06	.08	.08	.08	.07	.07	.048	20	.10
10*	.06	.05	.04	.05	.04	.04	.04	.04	.05	.06	.07	.06	.04	.03			.01	.02	.03	.05	.08	.09	.09	.09	.050	22	.09
11*	.08	.09	.08	.08	.06	.06	.07	.04	.03	.02	.02	.02	.01	.01			.02	.02	.04	.06	.03	.02	.03	.03	.041	22	.10
12																											
13																											
14																											
15																											
16	.02	.02	.02	.02	.01	.01	.01	.01			.05			.01		.01	.02	.02	.02	.04	.04	.05	.05	.05	.025	19	.09
17*	.04	.03	.04	.05	.04	.04	.04	.05					.03	.03			.02	.03	.04	.05	.07	.06	.06	.05	.043	18	.10
18*	.05	.04	.06	.06	.04	.04	.04	.03	.03	.03	.04	.03	.02	.01			.02	.02	.02	.02	.03	.04	.04	.03	.033	22	.06
19	.02	.01	.02	.01	.01	.01	.02	.02			.04	.03	.03	.03			.03	.03	.03	.03	.03	.02	.02	.02	.023	20	.04
20	.02	.02	.01	.01	.01	.01	.02	.03	.03	.02	.02						.04	.04	.05	.04	.04	.03	.03	.02	.025	19	.05
21	.02	.03	.02	.02	.02	.03	.03	.03		.05	.06	.05	.04	.03			.05	.05	.05	.06	.05	.05	.04	.04	.039	21	.07
22	.03	.03	.02	.01	.01	.02	.03	.03	.03	.02	.02	.02	.02				.05	.05	.05	.05	.05	.05	.04	.04	.032	21	.07
23	.03	.04	.04	.03	.03	.03	.03	.05				.02	.02	.02		.02	.03	.04	.04	.05	.05	.05	.04	.05	.036	20	.06
24*	.05	.05	.05	.04	.03	.03	.03	.03					.04	.03			.04	.04	.05	.06	.07	.06	.06	.05	.045	18	.07
25*																											
26																											
27	.02	.03	.02	.02	.02	.01	.02	.03	.03	.03	.03	.03	.03	.03			.03	.03	.03	.03	.03	.04	.05	.05	.029	22	.05
28	.04	.04	.03	.03	.02	.02	.03	.03	.04	.06	.07	.07	.06				.03	.04	.06	.08	.07	.07	.06	.06	.048	21	.09
29	.05	.06	.05	.05	.04	.05	.05	.03	.03	.03	.02	.03	.02	.02			.02	.03	.05	.06	.05	.05	.04	.03	.038	22	.06
30	.02	.01	.01	.01	.02	.01	.02	.03		.03	.03	.03	.03	.03			.03	.03	.03	.03	.03	.03	.03	.03	.025	21	.04
MEAN	.04	.03	.03	.03	.03	.03	.03	.03									.03	.03	.04	.05	.05	.05	.05	.04			
NO	16	17	17	17	17	17	17	17	10	12	13	12	15	14		2	17	17	17	17	17	17	17	17		349	
MAX	.08	.09	.08	.08	.06	.06	.07	.05	.07	.08	.07	.07	.06	.03		.02	.05	.05	.06	.08	.08	.09	.09	.09	.050		.10

* Indicates Saturday or Sunday
Local standard time used

TABULATED THU., MAR. 16, 1967

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONCENTRATION IN PPM
COLORIMETRIC ANALYSIS

CINCINNATI, OHIO

NITROGEN DIOXIDE
OCT. 1966

DAY OF MONTH	A M												P M												DAILY MEAN	NO OF HRS	5-MIN MAX
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12			
1*	.03	.03	.03	.03	.02	.03	.02	.03				.03	.03	.03			.03	.03	.03	.03	.03	.03	.03	.02	.028	19	.04
2*	.02	.01	.01	.01	.01	.00	.00	.00	.01	.01	.01	.01	.00	.00											.007	14	.02
3									.04	.05	.04		.03	.03		.04	.04	.05	.06	.06	.05	.04	.03	.04	.042	14	.06
4	.02	.02	.01	.01	.01	.01	.02	.03		.02	.01	.02	.02	.02			.04	.05	.04	.05	.04	.03	.03	.03	.025	21	.05
5	.03	.03	.03	.03	.02	.02	.03	.03	.03	.02	.02	.02					.03	.03	.03	.03	.04	.03	.03	.03	.027	20	.04
6	.03	.02	.02	.02	.02	.02	.03	.02	.03	.04	.04	.03	.03	.06			.10	.10	.09	.08	.08	.07	.06	.05	.047	22	.10
7	.05	.04	.05	.05	.04	.04	.04	.04	.05	.06	.08	.07	.05	.04			.04	.05	.06	.05	.06	.05	.05	.05	.049	22	.09
8*	.05	.04	.04	.04	.03	.03	.03	.03			.08	.07	.05	.04			.04	.04	.06	.06	.07	.06	.06	.06	.048	20	.09
9*	.06	.05	.05	.05	.05	.04	.04	.03	.03	.03	.03	.03	.03	.03			.03	.03	.03	.03	.03	.03	.02	.01	.033	22	.06
10	.01	.01	.01	.01	.01	.01	.03	.04			.02			.02			.03	.03	.04	.04	.03	.03	.03	.02	.023	18	.04
11	.02	.02	.02	.02	.02	.02	.02	.02		.01	.01	.01					.02	.02	.03	.03	.03	.02	.02	.03	.020	19	.04
12	.03	.02	.02	.02	.02	.02	.02	.02	.05	.05	.05	.04	.03				.04	.06	.06	.06	.06	.05	.05	.05	.038	21	.07
13	.05	.04	.04	.04	.04	.02	.03	.04	.05	.05	.05	.05	.06	.05			.06	.09	.07	.09	.07	.06	.04	.04	.051	22	.10
14	.04	.04	.02	.01	.01	.01	.02	.03	.05			.01	.03	.04			.03	.04	.05	.04	.04	.04	.04	.04	.032	20	.05
15*	.04	.03	.02	.02	.02	.01	.01	.02		.03	.02	.02	.02	.03		.02	.03	.03	.02	.02	.02	.01	.02	.02	.021	22	.04
16*	.01	.01	.02	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01		.02	.03	.03	.03	.03	.02	.02	.03	.03	.017	23	.04
17	.03	.02	.02	.01	.01	.01	.02	.03	.03	.02	.02	.02	.02	.02		.03	.03	.05	.06	.05	.05	.05	.05	.05	.030	23	.07
18	.04	.04	.03	.03	.03	.03	.03	.03	.04					.04		.03	.04	.04	.04	.04	.04	.03	.03	.03	.034	19	.05
19	.02	.02	.02	.02	.01	.02	.02	.03	.03	.03	.03	.03	.03	.03		.06	.05	.04	.04	.04	.04	.04	.03	.03	.031	23	.07
20	.03	.03	.03	.03	.03	.02	.03	.03			.03	.03	.04	.03		.02	.03	.04	.05	.05	.05	.05	.05	.05	.035	21	.05
21	.04	.04	.04	.03	.03	.03	.03	.04	.04	.06	.05	.04	.04	.04		.05	.06	.07	.07	.07	.06	.06	.06	.05	.047	23	.08
22*	.05	.05	.07	.05	.04	.03	.03	.05		.04	.03	.02	.02	.02		.03	.03	.05	.06	.06	.06	.06	.05	.04	.042	22	.09
23*	.03	.04	.05	.05	.05	.04	.04	.04	.06	.06	.05	.04	.03	.03			.02	.03	.05	.06	.06	.07	.08	.07	.047	22	.08
24	.07	.07	.07	.06	.06	.09	.09	.07	.12	.22	.22	.06				.03	.04	.05	.06	.07	.08	.08	.08	.07	.083	21	.30
25	.06	.06	.08	.05	.04	.06	.07	.04	.05			.06	.06	.06		.04	.05	.05	.06	.05	.05	.05	.05	.05	.054	21	.09
26	.05	.05	.05	.03	.03	.03	.03	.04	.04	.06	.07	.06	.04	.03		.05	.06	.08	.08	.08	.07	.06	.07	.07	.053	23	.09
27	.07	.06	.07	.07	.05	.05	.05	.06	.09	.15	.23	.17	.07	.04											.087	14	.25
28									.08	.11	.14	.09	.05	.06		.05	.08	.10	.11	.11	.10	.10	.08	.09	.090	15	.15
29*	.09	.08	.07	.08	.08	.07	.06	.05			.03	.03	.03	.03		.03	.03	.04	.05	.05	.05	.05	.05	.05	.052	21	.09
30*	.05	.05	.05	.05	.05	.06	.05	.06	.07	.08	.05	.04	.04	.04		.05	.06	.05	.06	.05	.05	.04	.03	.03	.050	23	.10
31	.03	.02	.02	.02	.02	.02	.02	.02	.02	.02	.01	.00				.05	.04	.05	.05	.05	.05	.03	.00	.00	.025	21	.06
MEAN	.04	.04	.04	.03	.03	.03	.03	.03	.05	.05	.05	.04	.03	.03		.04	.04	.05	.05	.05	.05	.04	.04	.04	.040		
NO	29	29	29	29	29	29	29	29	22	23	27	28	25	26		16	29	29	29	29	29	29	29			631	
MAX	.09	.08	.08	.08	.08	.09	.09	.07	.12	.22	.23	.17	.07	.06		.06	.10	.10	.11	.11	.10	.10	.08	.09	.090		.30

* Indicates Saturday or Sunday
Local standard time used

TABULATED THU., MAR. 16, 1967

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONCENTRATION IN PPM
COLORIMETRIC ANALYSIS

CINCINNATI, OHIO

NITROGEN DIOXIDE
NOV. 1966

DAY OF MONTH	AM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	PM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN MAX
1																											
2																											
3	.02	.01	.01	.01	.02	.02	.02	.02	.03	.02	.02	.02	.02				.02	.03	.04	.04	.03	.03	.03	.03	.023	21	.04
4	.04	.03	.04	.03	.03	.02	.03	.04	.04	.04	.04	.04	.04	.04			.07	.06	.06	.06	.06	.06	.07	.06	.045	22	.08
5*																											
6*																											
7																											
8	.03	.02	.01	.03	.02	.02	.03	.03	.03				.03	.04		.04	.05	.05	.04	.04	.03	.02	.02	.03	.031	20	.05
9	.03	.03	.03	.02	.03	.03	.03	.04	.05	.03	.04	.04	.04	.03			.04	.04	.03	.03	.03	.02	.03	.03	.032	22	.06
10	.02	.01	.01	.01	.01	.01	.01	.01	.03	.03	.03	.03	.04	.03			.03	.02	.02	.02	.02	.01	.01	.01	.019	22	.07
11	.02	.02	.02	.02	.02	.02	.02	.02	.03	.03	.02	.02	.03	.02		.03	.03	.04	.04	.04	.04	.04	.04	.03	.027	23	.05
12*	.04	.04	.03	.03	.03	.03	.03	.03		.05	.07	.06	.05	.04		.03	.03	.04	.04	.04	.04	.04	.04	.04	.038	22	.07
13*	.04	.03	.04	.05	.03	.03	.03	.03	.03	.02	.02	.02	.02	.02		.08	.05	.05	.06	.06	.05	.05	.05	.05	.040	23	.09
14	.06	.07	.06	.05	.05	.05	.05	.05	.07	.08	.12	.18	.07	.05		.05	.06	.07	.07	.09	.10	.09	.09	.07	.073	23	.20
15	.07	.08	.06	.05	.04	.04	.04	.04	.05	.05						.05	.06	.07	.06	.06	.08	.08	.07	.05	.057	19	.09
16	.05	.05	.04	.04	.03	.04	.04	.04	.05	.05	.07	.06	.03	.03			.07	.07	.07	.06	.06	.05	.05	.07	.050	22	.09
17	.07	.06	.05	.04	.03	.04	.05	.05		.06	.04	.04	.03	.03		.04	.05	.06	.07	.06	.06	.05	.04	.03	.047	22	.07
18	.03	.02	.02	.02	.02	.02	.03	.04		.04	.04	.04					.06	.05	.05	.04	.03	.02	.03	.02	.033	19	.06
19*	.03	.03	.03	.03	.03	.02	.02	.03		.02	.03	.03	.03	.03		.02	.03	.03	.03	.03	.03	.03	.03	.03	.027	22	.04
20*	.03	.03	.02	.03	.02	.02	.02	.03	.02	.03	.03	.03	.02	.03		.03	.03	.03	.04	.04	.04	.04	.04	.04	.029	23	.05
21	.03	.03	.03	.04	.04	.04	.05	.05	.05							.05	.07	.06	.05	.05	.07	.05	.05	.04	.047	18	.10
22	.04	.03	.02	.02	.03	.02	.02	.03		.03	.03							.04	.03	.03	.03	.03	.03	.03	.030	17	.05
23	.03	.02	.03	.04	.03	.03	.03	.03	.04	.04									.08	.06	.05	.04	.04	.04	.038	16	.10
24	.04	.04	.04	.04	.04	.04	.04	.04			.04	.03	.03	.03			.04	.05	.05	.05	.05	.05	.05	.05	.042	20	.05
25	.04	.04	.05	.02	.02	.02	.03	.04		.04	.04	.04	.04	.04			.04	.04	.03	.01					.034	17	.05
26*									.03		.03	.03	.03	.03			.04	.03	.03	.03	.03	.03	.03	.03	.031	13	.05
27*	.03	.03	.03	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02			.02	.02	.02	.02	.02	.02	.02	.01	.020	22	.03
28	.01	.01	.01	.01	.01	.01	.02	.02	.02	.02	.01	.02	.01	.01			.02	.01	.01	.01	.01	.01	.01	.01	.012	22	.02
29	.01	.01	.01	.00	.01	.00	.00	.00	.01	.01	.01						.03	.03	.03	.03	.03	.03	.03	.03	.016	19	.04
30	.02	.02	.02	.02	.02	.02	.03	.04	.05	.04	.03	.03	.04	.04		.03	.04	.04	.05	.05	.04	.04	.04	.03	.033	23	.05
MEAN	.03	.03	.03	.03	.03	.02	.03	.03	.03	.04	.04	.04	.03	.03			.04	.04	.04	.04	.04	.04	.04	.04	.035		
NO	24	24	24	24	24	24	24	24	18	21	21	19	19	18		11	23	24	25	25	24	24	24	24		512	
MAX	.07	.08	.06	.05	.05	.05	.05	.05	.07	.08	.12	.18	.07	.05		.08	.07	.07	.08	.09	.10	.09	.09	.07	.073		.20

* Indicates Saturday or Sunday
Local standard time used

TABULATED THU., MAR. 16, 1967

CONTINUOUS AIR MONITORING PROGRAM

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

CONCENTRATION IN PPM
COLORIMETRIC ANALYSIS

CINCINNATI, OHIO

NITROGEN DIOXIDE
DEC. 1966

DAY OF MONTH	AM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	PM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5 MIN MAX
1	.03	.03	.03	.03	.02	.02	.03	.03	.03			.04	.03	.03		.03	.03	.03	.03	.03	.03	.02	.02	.03	.028	21	.05
2	.02	.02	.02	.03	.01	.01	.02	.03			.03	.03	.03	.03		.03	.04	.04	.04	.04	.04	.03	.04	.04	.028	21	.05
3*	.03	.03	.03	.03	.04	.04	.04	.04	.04				.04	.03		.03	.03	.04	.04	.04	.04	.04	.04	.04	.035	20	.05
4*	.04	.04	.03	.03	.03	.03	.03	.03	.03	.03	.03	.04	.04	.03			.04	.04	.04	.04	.04	.04	.04	.04	.035	22	.05
5	.03	.03	.03	.03	.03	.03	.03	.03	.04	.04	.03	.03	.03	.03		.03	.03	.03	.03	.03	.02	.03	.02	.02	.029	23	.04
6	.02	.02	.02	.02	.02	.02	.02	.02	.03	.03	.03		.03	.03		.04	.03	.03	.03	.03	.03	.03	.03	.02	.026	22	.04
7	.03	.03	.03	.02	.02	.01	.02	.02	.03	.03	.03	.03	.03	.03		.03	.03	.03	.02	.02	.02	.02	.02	.02	.025	23	.04
8	.02	.02	.02	.02	.03	.03	.03	.03	.03	.03	.03	.03				.03	.03	.03	.02	.02	.02	.02	.03	.02	.025	21	.03
9	.02	.02	.02	.02	.02	.01	.02	.02	.02	.03	.03	.03	.02	.02		.02	.02	.02	.02	.02	.01	.01	.02	.01	.019	23	.04
10*	.01	.02	.02	.01	.01	.02	.02	.02		.02	.02	.02	.02	.02		.02	.02	.02	.02	.02	.02	.02	.02	.02	.018	22	.03
11*	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02		.02	.02	.02	.03	.03	.03	.03	.03	.02	.022	23	.03
12	.02	.02	.02	.02	.01	.02	.02	.02	.03	.03	.03	.03	.03	.03		.03	.03	.03	.02	.03	.03	.03	.02	.02	.023	23	.04
13	.02	.02	.02	.01	.02	.01	.02	.02	.02	.02	.02	.03	.03	.04		.04	.04	.03	.03	.02	.02	.03	.02	.03	.024	23	.05
14	.03	.03	.02	.02	.02	.02	.02	.03	.03	.03				.04			.03	.03	.03	.03	.03	.03	.03	.02	.026	19	.04
15	.03	.02	.02	.02	.02	.02	.02	.03	.03	.03	.02	.03	.03	.03		.03	.04	.04	.03	.03	.03	.03	.02	.02	.026	23	.04
16	.02	.02	.01	.02	.01	.01	.01	.01			.04	.04	.04	.04		.05	.05	.05	.05	.05	.05	.05	.05	.05	.034	21	.06
17*	.04	.04	.04	.04	.04	.04	.04	.04					.04	.04		.04	.05	.05	.05	.05	.04	.04	.04	.03	.041	19	.05
18*	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.02	.03			.03	.02	.02	.02	.02	.03	.03	.03	.028	22	.04
19																											
20											.03	.03	.03	.03		.02	.02	.03	.03	.03	.03	.03	.03	.02	.028	13	.03
21	.03	.03	.03	.03	.03	.03	.03		.03	.03	.03	.03	.02	.03			.03	.02	.02	.02	.02	.02	.02	.02	.025	21	.03
22	.02	.02	.02	.02	.02	.01	.01	.02	.02	.03	.01	.02	.03			.04	.04	.05	.04	.03	.03	.03	.03	.03	.025	22	.05
23	.02	.03	.02	.02	.02	.01	.02	.03	.03				.03	.03		.03	.04	.04	.03	.03	.03	.03	.03	.03	.027	20	.04
24*	.04	.03	.02	.03	.03	.02	.03	.03		.03	.03	.03	.03	.03		.04	.04	.04	.04	.04	.04	.04	.04	.04	.034	22	.05
25*	.04	.03	.03	.03	.02	.02	.02	.02	.03	.02	.02	.03	.02	.02			.02	.03	.04	.04	.04	.04	.04	.04	.029	22	.05
26	.04	.04	.04	.03	.03	.03	.03	.03	.03	.03	.03	.02	.02	.02			.03	.03	.04	.04	.05	.05	.05	.05	.034	22	.06
27	.07	.07	.05	.05	.05	.05	.06	.05	.06	.08		.08	.06	.05		.04	.04	.04	.04	.04	.04	.04	.04	.04	.051	22	.08
28	.04	.04	.03	.03	.03	.03	.03	.03	.04	.03	.04					.04	.04	.04	.04	.03	.02	.03	.02	.02	.031	20	.04
29	.02	.03	.01	.01	.01	.01	.01	.02			.02	.01	.01	.02		.03	.04	.04	.04	.05	.04	.04	.04	.04	.025	21	.05
30	.04	.03	.04	.04	.03	.04	.04	.04	.04	.05	.04	.04	.04	.03		.04	.05	.05	.05	.05	.06	.06	.05	.05	.043	23	.06
31*	.04	.04	.04	.04	.04	.04	.03	.04		.04	.03	.03	.04	.03		.04	.04	.04	.04	.03	.03	.03	.03	.02	.035	22	.05
MEAN	.03	.03	.03	.03	.02	.02	.02	.03	.03	.03	.03	.03	.03	.03		.03	.03	.03	.03	.03	.03	.03	.03	.03	.029		
NO	29	29	29	29	29	29	29	28	22	22	24	24	27	27		24	30	30	30	30	30	30	30	30		641	
MAX	.07	.07	.05	.05	.05	.05	.06	.05	.06	.08	.04	.08	.06	.05		.05	.05	.05	.05	.05	.06	.06	.05	.05	.051		.08

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TABULATED THU., MAR. 16, 1967

CONTINUOUS AIR MONITORING PROGRAM

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

CINCINNATI, OHIO

CONCENTRATION IN PPM
CONDUCTOMETRIC ANALYSIS

SULFUR DIOXIDE
JAN. 1966

DAY OF MONTH	AM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	PM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5 MIN MAX
1*	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.010	24	.01
2*	.01	.01	.01	.01	.02	.01	.01	.02	.05	.07					.02	.01	.01	.01	.01	.04	.02	.06	.02	.01	.02	20	.11
3	.01	.01	.01		.01	.01	.03	.05	.06	.06	.06	.04	.03	.02	.02	.02	.02	.02	.04	.05	.04	.04	.04	.05	.032	23	.09
4	.06	.06	.04	.04	.04	.04	.04	.06	.11	.10		.05	.03	.02	.02	.10	.19	.24	.10	.04	.05	.05	.04	.03	.066	23	.35
5	.03	.03	.03	.02	.04	.04	.05	.05	.06	.06	.06	.06	.05	.04	.09	.05	.12	.04	.02	.02	.02	.02	.02	.02	.041	24	.17
6	.07	.02	.04	.02	.03	.01	.02	.02	.03	.04	.05	.06	.06	.07	.04	.04	.03	.02	.02	.01	.01	.01	.01	.03	.028	24	.08
7	.11	.04	.01	.02	.02	.02	.06	.04	.04	.02	.02	.02	.01	.01	.05	.02	.02	.02	.02	.01	.01	.02	.02	.02	.026	24	.21
8*	.02	.01	.01	.02	.02	.02	.02	.02	.02	.02	.02	.02	.01	.00	.01	.02	.10	.10	.02	.01	.02	.02	.01	.02	.022	24	.12
9*	.02	.03	.03	.02	.02	.02	.02	.02	.02	.03	.03	.01	.01	.04	.01	.01	.03	.02	.02	.02	.02	.03	.04	.02	.022	24	.10
10	.02	.01	.01	.01	.03	.03	.02	.03	.06	.03	.03	.04	.02	.01	.03	.02	.01	.01	.01	.01	.01	.01	.01	.00	.018	24	.09
11	.00	.00	.01	.01	.01	.01	.02	.02	.02	.02	.03	.03	.02	.02	.02	.02	.01	.02	.02	.03	.03	.03	.02	.01	.018	24	.07
12	.00	.00	.00		.00	.00	.01	.02	.03	.04	.04	.03	.05	.04	.12	.02	.02	.04	.06	.16	.09	.04	.03	.03	.038	23	.25
13	.03	.02	.03	.03	.05	.03	.02	.02	.06	.05	.08	.07	.03	.02	.03	.02	.02	.02	.02	.02	.02	.02	.03	.02	.031	24	.17
14	.02	.01	.02	.01	.04	.10	.06	.02	.02	.02	.02	.01	.05	.08	.04	.07	.03	.03	.03	.04	.04	.03	.04	.03	.036	24	.17
15*	.03	.03	.03	.03	.02	.04	.04	.08	.09	.08	.07	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.02	.04	.039	24	.10
16*	.02	.02	.02	.02	.02	.03	.03	.04	.06	.05	.04	.04	.04	.04	.04	.04	.03	.03	.03	.03	.02	.02	.02	.03	.032	24	.06
17	.03	.02	.03	.04	.04	.03	.04	.06	.08	.06	.06	.05	.04	.04	.04	.08	.06	.04	.04	.04	.03	.02	.02	.02	.041	24	.11
18	.03	.02	.02	.02	.03	.03	.03	.03	.03	.04	.04	.03	.03	.03	.07	.04	.03	.03	.03	.04	.05	.04	.02	.03	.032	24	.11
19	.02	.02	.03	.04	.03	.05	.06	.09	.11	.11	.07	.06	.04	.04	.04	.05	.04	.03	.04	.04	.04	.04	.04	.03	.049	24	.12
20	.05	.05	.07	.08	.09	.08	.09	.04	.03	.02	.02	.03	.03	.03											.050	14	.11
21																											
22*		.07	.08	.09	.09	.10	.10	.11	.10	.11	.11	.11	.13	.11	.11	.10	.11	.09	.08	.08	.06	.06	.06	.06	.092	23	.14
23*	.06	.05	.06	.05	.04	.04	.03	.05	.06	.05	.05	.04	.04	.04	.04	.03	.02	.02	.03	.03	.03	.03	.03	.05	.040	24	.06
24	.05	.06	.05	.05	.05	.06	.07	.06	.08	.11	.13	.11	.13	.12	.10	.07	.06	.05	.05	.04	.04	.05	.04	.04	.068	24	.18
25	.04	.06	.04	.05	.08	.08	.07	.07	.03	.04	.10	.10	.11	.11	.13	.14	.12	.10	.11	.11	.09	.09	.09	.08	.084	24	.15
26	.08	.07	.07	.07	.09	.10	.10	.13	.13	.13	.12	.12	.12	.11	.09	.07	.07	.07	.09	.09	.09	.09	.08	.08	.094	24	.15
27	.07	.07	.09	.14	.08	.07	.09	.09	.10	.12	.10	.10	.09	.07	.06	.06	.06	.07	.09	.09	.08	.07	.08	.07	.084	24	.19
28	.06	.06	.06	.07	.06	.06	.06	.07		.10	.09	.11		.06	.06	.06	.04	.06	.06	.06	.07	.06	.06	.07	.076	22	.13
29*	.07	.08	.07	.07	.06	.06	.05	.07	.08	.08	.11	.11	.11	.11	.08	.07	.06	.07	.09	.09	.09	.09	.07	.06	.079	24	.16
30*	.06	.05	.06	.06	.05	.05	.05	.05	.06	.09	.11	.09	.07	.06	.06	.06	.06	.06	.05	.05	.05	.05	.05	.07	.060	24	.23
31	.10	.09	.09	.08	.07	.08	.11	.12	.11	.11	.11	.11	.09												.097	13	.16
MEAN	.04	.04	.04	.04	.04	.04	.05	.05	.06	.06	.06	.06	.05	.05	.05	.05	.05	.05	.04	.04	.04	.04	.04	.04	.046		
NO	29	30	30	28	30	30	30	30	29	30	28	29	28	28	28	28	28	28	28	28	28	28	28	28		689	
MAX	.11	.09	.09	.14	.09	.10	.11	.13	.13	.13	.13	.12	.13	.12	.13	.14	.19	.24	.11	.16	.09	.09	.09	.08	.097		.35

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TABULATED THU., MAR. 16, 1967

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
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HOURLY AVERAGES OF
GASEOUS POLLUTANT CONCENTRATIONS

CONCENTRATION IN PPM
CONDUCTOMETRIC ANALYSIS

CINCINNATI, OHIO

SULFUR DIOXIDE
FEB. 1966

DAY OF MONTH	AM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	PM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5 MIN MAX
1																											
2																											
3											.12	.14	.05	.10	.04	.02	.05	.08	.05	.04	.04	.05	.11	.11	.070	14	.25
4	.09	.09	.08	.09	.12	.06	.08	.09	.10	.09	.07	.07	.06	.05	.05	.04	.04	.04	.04	.04	.04	.04	.04	.06	.065	24	.14
5*	.09	.08	.06	.06	.06	.07	.06	.07	.08	.08	.07	.08	.05	.05	.06	.05	.04	.04	.03	.03	.03	.03	.03	.04	.055	24	.12
6*	.05	.04	.03	.03	.03	.03	.03	.03	.03	.03	.04	.04	.03	.03	.02	.02	.02	.03	.03	.03	.03	.02	.02	.02	.029	24	.21
7									.09	.09	.11	.08	.08	.05	.06	.05	.05	.05	.05	.06	.05	.04	.04	.04	.061	16	.14
8	.03	.03	.03	.03	.03	.04	.05	.05	.11	.09	.08	.06	.07	.23	.07	.04	.05	.02	.02	.02	.01	.01	.01	.00	.049	24	.70
9	.00	.00	.00	.00	.00	.00	.00	.01			.03	.03	.01	.01	.01	.01	.01	.00	.00	.00	.00	.00	.00	.00	.005	22	.06
10	.00	.00	.00	.00	.00	.00	.00	.00	.01	.02	.13	.04	.03	.04	.01	.00	.00	.00	.00	.01	.15	.05	.00	.00	.020	24	.21
11	.00	.00	.00	.01	.00	.00	.00	.00	.01	.01	.02	.02	.02	.11	.12	.09	.01	.00	.00	.00	.00	.00	.00	.00	.017	24	.16
12*	.00	.00	.00	.00	.00	.00	.00	.00	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.000	24	.03
13*	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.000	24	.00
14	.00	.00	.00	.00	.00	.00	.00	.00	.01	.01		.00	.00	.01	.00	.01	.00	.00	.00	.00	.01	.00	.01	.04	.004	23	.07
15	.01	.00	.00	.01	.00	.00	.00	.00	.01	.03	.03	.02	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.005	24	.09
16	.06	.07	.07	.06	.02	.01	.01	.02	.01	.05	.09	.05	.05	.09	.07	.04	.03	.01	.00	.00	.00	.00	.00	.00	.033	24	.15
17	.00	.04	.01	.00	.00	.00	.00	.00	.01	.05	.07	.08	.01	.01	.00	.01	.00	.00	.00	.02	.05	.08	.04	.06	.022	24	.17
18	.05	.07	.01	.03	.05	.07	.09	.11	.13	.08	.08	.07	.07	.04	.02	.02	.01	.01	.00	.00	.02	.07	.08	.02	.050	24	.24
19*	.02	.02	.02	.03	.01	.02	.01	.01	.00	.02	.03	.01	.03	.01	.00	.00	.01	.00	.00	.00	.00	.00	.01	.01	.011	24	.06
20*	.02	.03	.01	.01	.00	.00	.00	.01	.01	.02	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.04	.06	.009	24	.06
21	.05	.04	.05	.02	.03	.00	.01	.03	.04	.02	.04	.08	.08	.02	.01		.00	.01	.01	.01	.01	.02	.02	.02	.025	23	.10
22	.02	.03	.03	.02	.02	.02	.05	.05	.07	.07	.04	.03	.03	.04	.02	.02	.02	.02	.06	.06	.05	.01	.00	.00	.031	24	.08
23	.00	.00	.00	.00	.01	.03	.03	.04	.06	.07	.06	.05	.04	.04	.04	.04	.04	.04	.04	.03	.02	.02	.03	.02	.031	24	.08
24	.03	.06	.04	.04	.04	.04	.08	.07	.06	.06	.08	.09	.07	.06		.03	.06	.04	.06	.04	.04	.05	.05	.03	.053	23	.13
25	.03	.03	.03	.03	.07	.06	.06	.02	.02			.07	.06	.05	.04	.05	.09	.05	.09	.04	.03	.03	.02	.02	.044	22	.13
26*	.02	.02	.02	.02	.02	.02	.02	.02	.03	.03	.04	.04	.04	.04	.03	.03	.03	.02	.02	.02	.02	.02	.02	.02	.026	24	.04
27*	.02	.02	.02	.02	.07	.02	.02	.02	.03	.03	.11	.06	.04	.05	.03	.02	.02	.02	.02	.05	.04	.06	.10	.06	.037	24	.16
28	.03	.02	.02	.02	.01	.04	.04	.07	.03	.02	.02	.02	.02	.03	.04	.05	.04	.03	.05	.03	.02	.02	.01	.03	.029	24	.12
MEAN	.03	.03	.02	.02	.02	.02	.03	.03	.04	.04	.06	.05	.04	.04	.03	.02	.02	.02	.02	.02	.02	.02	.03	.03	.029		
NO	24	24	24	24	24	24	24	24	24	23	24	26	26	26	25	25	26	26	26	26	26	26	26	26		599	
MAX	.09	.09	.08	.09	.12	.07	.09	.11	.13	.09	.13	.14	.08	.23	.12	.09	.09	.08	.09	.06	.15	.08	.11	.11	.070		.70

* Indicates Saturday or Sunday
Local standard time used

TABULATED THU., MAR. 16, 1967

A-45

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONCENTRATION IN PPM
CONDUCTOMETRIC ANALYSIS

CINCINNATI, OHIO

SULFUR DIOXIDE
MARCH 1966

DAY OF MONTH	AM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	PM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS	5-MIN MAX
1	.04	.04	.04	.03	.02	.01	.04	.02	.02	.05			.06	.04	.03	.02	.02	.02	.02	.02	.03	.03	.04	.03	.030	22	.08
2	.03	.03	.02	.02	.02	.02	.02	.03	.06	.07	.11	.08	.04	.03					.03	.02	.02	.02	.02	.09	.039	20	.25
3																											
4																											
5*	.00	.00	.00	.01	.03	.01	.02	.02	.02	.02	.02	.01	.01	.01				.05	.03	.04	.03	.03	.04	.02	.019	21	.07
6*	.01	.03	.06	.07	.03	.02	.02	.02	.05	.04	.05	.05	.03	.02					.05	.04	.03	.05	.02	.02	.035	20	.10
7																											
8																											
9																											
10																											
11																											
12*																											
13*																											
14																											
15																											
16	.02	.02	.02	.02	.03	.02	.02	.04	.04	.03				.03	.03	.02	.02	.02	.02	.03	.05	.05	.05	.06	.030	21	.07
17	.04	.04	.04	.04	.04	.04	.05	.05	.14	.09	.04	.04	.03			.01	.01	.03	.02	.01	.01	.01	.04	.15	.044	22	.22
18	.14	.10	.15	.10	.01	.03	.10	.10	.06	.12	.02	.02	.01	.02	.03	.02	.08	.01	.04	.04	.01	.01	.01	.01	.052	24	.30
19*	.02	.02	.01	.01	.01	.01	.08	.10	.03	.01	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.00	.00	.00	.013	24	.12
20*	.00	.00	.00	.00	.01	.01	.01	.01	.01	.01	.01	.02	.03		.01	.01	.01	.02	.01	.01	.03	.03	.03	.02	.013	23	.03
21	.01	.01	.01	.01	.01	.14	.05	.04	.03	.04	.05	.11	.03	.04	.06	.04	.13	.25	.12	.02	.02	.02	.15	.09	.061	24	.44
22	.02	.01	.00	.00	.00	.00	.00	.03	.02	.03	.03	.04	.05	.04	.01	.01	.01	.01	.01	.01	.01	.01	.02	.02	.016	24	.06
23	.08	.03	.01	.01	.00	.00	.04	.01	.01	.02	.04	.10	.04	.10			.02	.01	.01	.02	.03	.02	.02	.01	.029	22	.23
24	.01	.01	.01	.00	.01	.01	.00	.01	.03	.03	.02	.02	.02	.01	.01	.04	.03	.02	.02	.04	.05	.01	.03	.03	.020	24	.07
25	.03	.05	.05	.02	.02	.04	.08	.07	.09	.09	.08	.06	.02	.02	.02	.02	.02	.03	.02	.03	.05	.03	.04	.04	.042	24	.12
26*	.07	.03	.03	.03	.08	.04	.03	.03	.03	.02	.02	.02	.03	.02	.02	.02	.01	.01	.01	.01	.01	.01	.02	.01	.025	24	.13
27*	.01	.01	.01	.01	.01	.01	.01	.02	.02	.01	.01	.01	.01	.01	.02	.01	.02	.02	.04	.04	.04	.06	.04	.05	.020	24	.07
28	.05	.05	.04	.02	.01	.01	.03	.04	.04	.03	.02	.02	.02	.02	.02	.03	.03	.02	.02	.03	.03	.04	.04	.05	.030	24	.07
29	.06	.05	.05	.04	.04	.04	.07	.08	.07								.09	.07	.05	.05	.07	.08	.05	.07	.059	17	.16
30	.03	.09	.04	.03	.05	.04	.04	.05	.04	.04	.03	.06	.04	.02	.02	.03	.02	.02	.02	.03	.03	.03	.05	.03	.037	24	.14
31	.02	.02	.02	.02	.02	.02	.03	.05	.09	.06	.06	.03	.02	.03	.02		.03	.02	.14	.04	.02	.02	.07	.05	.039	23	.35
MEAN	.03	.03	.03	.02	.02	.03	.04	.04	.04	.04	.04	.04	.03	.03			.03	.04	.03	.03	.03	.03	.04	.04	.032		
NO	20	20	20	20	20	20	20	20	20	19	17	17	18	17	14	14	17	18	20	20	20	20	20	20		451	
MAX	.14	.10	.15	.10	.08	.14	.10	.10	.14	.12	.11	.11	.06	.10	.06	.04	.13	.25	.14	.05	.07	.08	.15	.15	.061		.44

* Indicates Saturday or Sunday
Local standard time used

TABULATED THU., MAR. 16, 1967

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONCENTRATION IN PPM
CONDUCTOMETRIC ANALYSIS

CINCINNATI, OHIO

SULFUR DIOXIDE
APRIL 1966

DAY OF MONTH	AM 12-1	AM 1-2	AM 2-3	AM 3-4	AM 4-5	AM 5-6	AM 6-7	AM 7-8	AM 8-9	AM 9-10	AM 10-11	AM 11-12	PM 12-1	PM 1-2	PM 2-3	PM 3-4	PM 4-5	PM 5-6	PM 6-7	PM 7-8	PM 8-9	PM 9-10	PM 10-11	PM 11-12	DAILY MEAN	NO OF HRS	5 MIN MAX
1	.07	.01	.04	.02	.01	.04	.06	.03	.09	.05	.03	.02	.02	.01	.01	.01	.01	.01	.01	.02	.02	.01	.01	.01	.025	24	.15
2*	.01	.03	.07	.03	.02	.03	.02	.02	.02	.02	.02	.02	.02	.02	.02	.01	.01	.01	.01	.01	.02	.05	.04	.03	.023	24	.08
3*	.04	.04	.03	.02	.02	.05	.02	.02	.10	.04	.03	.02	.02	.03	.03	.01	.01	.01	.01	.03	.04	.02	.02	.02	.028	24	.13
4	.02	.02	.02	.02	.03	.02	.02	.03	.04	.03	.03	.03	.03	.03	.03	.02	.02	.01	.02	.03	.02	.03	.03	.02	.025	24	.07
5	.03	.02	.03	.06	.12	.08	.07	.05	.06	.15	.06	.02	.03	.05	.06		.04	.04	.05	.03	.12	.04	.02	.00	.055	23	.25
6	.01	.00	.00	.00	.00	.00	.00	.01	.04	.02	.01	.00	.00	.00	.00	.02	.02	.00	.01	.00	.00	.01	.06	.03	.010	24	.13
7	.00	.00	.00	.00	.00	.00	.01	.02	.01	.03	.00	.00	.01	.00	.00			.00	.00	.00	.00	.00	.00	.01	.004	22	.06
8	.01	.02	.02	.02	.02	.02	.01	.01	.00	.00	.01	.01	.01	.02	.01	.01	.02	.03	.03	.06	.00	.00	.00	.00	.014	24	.15
9*	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.00	.00	.00	.00	.00	.00	.00	.01	.01	.01	.01	.01	.003	24	.04
10*	.01	.00	.00	.00	.00	.00	.00	.01	.02	.04	.01	.00	.00	.02	.04	.02	.06	.03	.00	.01	.02	.01	.00	.00	.012	24	.11
11	.00	.00	.00	.01	.04	.03	.02	.02	.09	.06	.11	.04	.03	.02	.01	.00	.03	.01	.01	.00	.00	.00	.00	.00	.022	24	.15
12	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.01											.001	14	.01
13																											
14																											
15																											
16*																											
17*																											
18																											
19																											
20																											
21	.02	.01	.04	.16	.19	.04	.01	.02	.02	.02	.02	.02	.01	.02	.02	.03	.03	.03	.04	.03	.04	.04	.03	.02	.037	24	.32
22	.02	.02	.03	.03	.02	.02	.03	.04	.05	.07	.04	.05	.05	.04	.03	.03	.02	.02	.02	.02	.03	.03	.03	.02	.031	24	.11
23*	.01	.04	.04	.02	.02	.02	.02	.04	.03	.03	.00	.00	.00	.00	.00	.02	.06	.06	.04	.01	.00	.00	.00	.00	.019	24	.19
24*	.01	.01	.01	.01	.01	.01	.01	.02	.02	.00	.00	.00	.01	.00	.01	.01	.01	.02	.01	.02	.02	.03	.02	.02	.011	24	.08
25	.03	.03	.02	.01	.01	.01	.02	.02	.04	.04	.03	.02	.02	.02	.01	.02	.01	.01	.01	.01	.03	.04	.03	.02	.021	24	.09
26	.02	.02	.02	.03	.02	.02	.03	.02	.03	.05	.02						.03	.02	.02	.02	.02	.02	.02	.02	.024	19	.08
27	.03	.03	.04	.02	.02	.03	.03	.03	.03										.08	.04	.03	.03	.03	.03	.032	15	.12
28																											
29																											
30*																											
MEAN	.02	.02	.02	.02	.03	.02	.02	.02	.04	.04	.03	.02	.02	.02	.02		.02	.02	.02	.02	.02	.02	.02	.02	.021		
NO	19	19	19	19	19	19	19	19	19	18	18	17	17	17	16	14	16	17	18	18	18	18	18	18		429	
MAX	.07	.04	.07	.16	.19	.08	.07	.05	.10	.15	.11	.05	.05	.05	.06	.03	.06	.06	.08	.06	.12	.05	.06	.03	.055		.32

* Indicates Saturday or Sunday
Local standard time used

TABULATED THU., MAR. 16, 1967

A-47

CONTINUOUS AIR MONITORING PROGRAM

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

CINCINNATI, OHIO

CONCENTRATION IN PPM
CONDUCTOMETRIC ANALYSIS

SULFUR DIOXIDE
MAY 1966

DAY OF MONTH	AM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	PM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS	5 MIN MAX
1*									.03	.03	.03	.03	.03	.05	.04	.04	.04	.04	.03	.03	.04	.04	.03	.03	.034	16	.06
2																	.04	.04	.03	.03	.03	.03	.04	.04	.039	16	.06
3	.04	.04	.04	.04	.05	.04	.04	.05																			
4	.04	.04	.05	.11	.09	.06	.08	.08							.03	.03	.03	.03	.06	.06	.04	.05	.04	.05	.054	18	.16
5																											
6																											
7*																											
8*																											
9	.04	.04	.04	.04	.03	.04	.04	.05	.05	.07	.07	.07	.06							.07	.08	.06	.06	.05	.052	18	.09
10	.05	.05	.06	.06	.09	.07	.10	.09	.07	.08	.06	.05	.06	.06	.06			.05	.05	.05	.05	.05	.04	.04	.060	22	.14
11	.04	.04	.04	.04	.05	.05	.06	.06							.10	.05	.05	.05	.06	.14	.08	.07	.07	.05	.061	18	.24
12																											
13																											
14*									.03	.02	.02	.02	.01	.02	.01	.01	.02	.01	.01	.02	.01	.01	.01	.01	.014	16	.03
15*	.01	.01	.01	.01	.01	.01	.01	.01	.01	.02	.01	.04	.05	.07	.06	.06	.02	.03	.01	.01	.02	.02	.02	.02	.023	24	.12
16	.02	.02	.01	.03	.04	.03	.03	.03		.03	.01	.06	.06	.02	.00	.00	.00	.06	.05	.01	.00	.00	.00	.00	.021	23	.15
17	.00	.00	.00	.00	.00	.01	.01	.02	.05	.01	.02	.06	.02	.00	.00	.00	.01	.00	.00	.00	.00	.00	.00	.01	.009	24	.10
18	.01	.00	.00	.00	.00	.00	.00	.01	.00	.01							.01	.00	.00	.00	.00	.00	.00	.00	.002	18	.05
19																											
20											.00	.00	.01	.00	.00	.00	.00	.02	.01	.00	.00	.00	.00	.01	.003	14	.03
21*	.00	.00	.00	.00	.00	.00	.00	.02	.01	.01	.01	.00	.00	.02	.03	.02	.02	.02	.01	.01	.00	.00	.02	.03	.009	24	.18
22*	.03	.02	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.003	24	.03
23																											
24																											
25		.01	.00	.01	.03	.02	.04	.05			.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.007	21	.06
26	.00	.00	.00	.00	.00	.00	.00	.01	.06	.04	.01	.00	.00	.00			.00	.00	.00	.00	.00	.00	.00	.00	.005	22	.10
27	.00	.00	.00	.00	.00	.00	.00	.00										.00	.00	.01	.01	.01	.00	.00	.002	15	.01
28*	.00	.00	.00	.00	.00	.00	.01	.01	.01	.05	.04	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.005	24	.10
29*	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.01	.01	.01	.00	.01	.01	.01	.01	.01	.01	.004	24	.01
30	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.02	.01	.011	24	.04
31	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.010	24	.02
MEAN	.02	.02	.02	.02	.02	.02	.02	.03			.02	.02	.02		.02		.01	.02	.02	.02	.02	.02	.02	.02	.019		
NO	17	18	18	18	18	18	18	19	14	15	16	16	16	15	16	15	18	20	20	21	21	21	21	21		429	
MAX	.05	.05	.06	.11	.09	.07	.10	.09	.07	.08	.07	.07	.06	.07	.10	.06	.05	.06	.06	.14	.08	.07	.07	.05	.061		.24

* Indicates Saturday or Sunday
Local standard time used

TABULATED THU., MAR. 16, 1967

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONCENTRATION IN PPM
CONDUCTOMETRIC ANALYSIS

CINCINNATI, OHIO

SULFUR DIOXIDE
JUNE 1966

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS	5-MIN MAX
1	.01		.01	.01	.01	.01	.01	.01	.03		.05	.11					.01	.00	.00	.00	.00	.00	.00	.00	.015	18	.15
2	.00	.00	.01	.00	.00	.00	.00	.02									.01	.00	.02	.00	.01	.01	.01	.00	.006	16	.07
3	.00	.00	.00	.00	.00	.00	.00	.01	.07	.03								.02	.02	.01	.01	.01	.01	.00	.011	17	.13
4*	.00	.01	.01	.01	.01	.02	.05	.03	.05	.01	.01	.00	.00	.01	.00	.01	.01	.00	.00	.00	.00	.03	.01	.00	.011	24	.11
5*	.00	.00	.00	.00	.00	.00	.03	.03	.00	.00	.00	.00	.00	.00	.01	.00	.06	.04	.05	.06	.04	.06	.07	.04	.021	24	.17
6																											
7																											
8	.01	.01	.01	.00	.00	.00	.01	.01	.01	.03	.03	.03	.02	.03	.04	.03	.06	.07	.02	.02	.02	.02	.02	.02	.022	24	.11
9	.01	.01	.00	.00	.00	.00	.05	.03	.03		.01	.00	.01	.01	.01	.00	.00	.00	.00	.01	.01	.00	.00	.00	.007	23	.09
10	.00	.00	.01	.01	.01	.01	.01	.02	.03	.02	.01	.01	.01	.01											.010	14	.05
11*												.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.03	.03	.01	.011	13	.03
12*	.02	.01	.01	.01	.00	.00	.00	.01	.02	.03	.00	.00	.03	.02	.00	.01	.00	.00	.01	.01	.01	.01	.01	.01	.010	24	.10
13	.01	.02	.02	.02	.01	.03	.03	.08	.07	.07	.03	.02	.01	.01	.01	.01	.02	.02	.01	.01	.01	.01	.01	.03	.023	24	.15
14	.06	.04	.01	.01	.01	.00	.00	.01	.04	.01	.01	.05	.02	.02	.01	.01	.00	.03	.00	.01	.01	.01	.01	.00	.015	24	.08
15	.00	.01	.04	.03	.03	.04	.05	.07	.06		.07	.08	.03	.02	.02	.08	.03	.02	.01	.06	.05	.18	.07	.09	.051	23	.33
16	.02	.00	.01	.02	.00	.01	.01	.04	.03	.02	.02	.05	.04	.10	.16	.06	.01	.01	.01	.01	.01	.02	.02	.01	.028	24	.18
17	.01	.01	.01	.01	.01	.01					.02	.01	.01	.01	.01	.02	.01	.01	.01	.01	.02	.02	.02	.01	.012	20	.02
18*	.01	.01	.01	.01	.02	.02	.03	.05	.07	.06	.05	.02	.01	.01	.02	.02	.02	.02	.02	.02	.02	.02	.05	.03	.025	24	.08
19*	.03	.02	.02	.02	.02	.02	.04	.04	.06	.06	.05	.03	.02	.03	.04	.03	.04	.04	.04	.04	.02	.02	.02	.02	.032	24	.07
20	.02	.02	.02	.02	.02	.02	.02			.13	.06	.06	.04	.05	.06	.07	.07	.04	.05	.04	.03	.03	.03	.03	.042	22	.21
21	.03	.03	.03	.03	.03	.03	.04	.05	.07	.05	.03		.06	.05	.04	.04	.04	.04	.04	.03	.03	.03	.03	.03	.037	23	.14
22	.03	.03	.03	.03	.03	.03	.03	.04	.07	.08	.06	.08	.05	.05	.04	.03	.02	.01	.01	.02	.02	.01	.01	.01	.034	24	.13
23	.02	.02	.02	.02	.02	.02	.02	.02		.00	.00	.02	.00	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.008	23	.08
24	.00	.00	.00	.00	.00	.00	.00	.00	.01	.01	.01	.01	.00	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.006	24	.01
25*	.01	.00	.00	.00	.00	.00	.00	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.007	24	.01
26*	.00	.00	.00	.00	.00	.00	.00	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.00	.006	24	.02
27																											
28																											
29																											
30	.02	.02	.03	.02	.04	.03	.04	.04	.02	.02	.02	.02	.01	.02	.02	.02	.02	.02	.02	.02	.02	.03	.03	.03	.023	24	.05
MEAN	.01	.01	.01	.01	.01	.01	.02	.03	.04	.03	.03	.03	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.019		
NO	24	23	24	24	24	24	23	22	20	19	22	22	22	22	21	21	23	24	24	24	24	24	24	24		548	
MAX	.06	.04	.06	.03	.04	.04	.05	.08	.07	.13	.07	.11	.06	.10	.16	.08	.07	.07	.05	.06	.05	.18	.07	.09	.051		.33

* Indicates Saturday or Sunday
Local standard time used

TABULATED THU., MAR. 16, 1967

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONCENTRATION IN PPM
CONDUCTOMETRIC ANALYSIS

CINCINNATI, OHIO

SULFUR DIOXIDE
JULY 1966

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS	5 MIN MAX
1	.02	.03	.02	.02	.02	.02	.04	.05	.05	.04	.04	.04	.03	.03	.03	.02	.02	.03	.03	.03	.04	.04	.03	.02	.030	24	.06
2*	.04	.03	.03	.02	.03	.03	.03	.03	.05		.17	.08	.02	.02	.02	.03	.03	.03	.02	.02	.02	.02	.02	.02	.036	23	.34
3*	.02	.01	.01	.01	.01	.01	.01	.02	.03	.12	.03	.01	.01	.01	.01	.01	.01	.01	.03	.01	.01	.03	.01	.01	.019	24	.17
4	.01	.02	.02	.01	.01	.01	.03	.04		.04	.04	.04	.04	.05	.04	.02	.02	.02	.04	.06	.04	.03	.02	.04	.030	23	.10
5	.03	.01	.02	.04	.02	.01	.01	.01	.02	.02	.02	.01	.01	.02	.02	.02	.01	.01	.01	.01	.01	.01	.01	.01	.015	24	.10
6	.00	.00	.02	.02	.02	.05	.03	.03	.01	.06	.10	.08	.05	.04	.02	.01	.01	.01	.01	.03	.02	.02	.02	.01	.028	24	.23
7	.01	.00	.01	.02	.02	.04	.06	.13	.11	.11	.09	.05	.01	.01	.01	.01	.01	.01	.01	.01	.01	.02	.01	.01	.033	24	.14
8	.01	.02	.05	.08	.07	.06	.07	.06	.03	.03	.02	.02	.01	.01	.01	.01	.01	.01	.01	.01	.01	.02	.03	.02	.028	24	.11
9*	.04	.04	.04	.04	.03	.03	.07	.13	.23		.02	.04	.02	.02	.04	.02	.01	.02	.01	.01	.01	.05	.04	.01	.041	23	.28
10*	.01	.00	.02	.04	.03	.01	.01	.01	.02	.01	.02	.01	.02	.01	.00	.00	.00	.00	.01	.00	.02	.03	.01	.03	.013	24	.13
11	.01	.00	.00	.00	.05	.05	.03	.01	.01	.01	.02	.02	.01	.01	.03	.02	.04	.05	.05	.01	.02	.01	.01	.00	.019	24	.24
12	.00	.00	.01	.02	.01	.04	.03	.02	.03	.01	.04	.08	.02	.02	.02		.06	.10	.06	.02	.02	.01	.01	.01	.027	23	.18
13	.01	.01	.01	.02	.02	.03	.04	.06	.08	.03	.02	.01	.01	.01	.01	.00	.00	.00	.01	.01	.00	.01	.01	.00	.016	24	.10
14	.00	.00	.00	.00	.00	.00	.01	.01	.02	.01	.04	.03	.03	.01	.00	.01	.11	.04	.02	.03	.00	.02	.01	.00	.017	24	.23
15	.02	.01	.00	.00	.01	.00	.02	.02	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.00	.00	.00	.01	.00	.01	.008	24	.07
16*	.00	.00	.00	.00	.00	.01	.00	.01	.01	.01	.02	.02	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.004	24	.04
17*	.01	.01	.01	.01	.01	.02	.02	.03	.02	.04	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.008	24	.05
18	.00	.00	.00	.00	.01	.00	.02	.04	.03	.02	.04	.07	.09	.05	.05	.01	.03	.01	.01	.01	.00	.00	.00	.00	.019	24	.11
19	.00	.02	.03	.05	.00	.00	.00	.00	.04	.01	.00	.00	.02	.02	.02	.02	.02	.01	.01	.01	.01	.01	.01	.01	.011	24	.08
20	.01	.00	.00	.01	.00	.01	.02	.03		.02	.02	.02	.02	.02	.02	.02	.02	.01	.01	.01	.02	.02	.02	.01	.014	23	.06
21	.01	.01	.01	.01	.02	.02	.03	.03	.02	.02	.02	.02	.03	.02		.02	.01	.01	.01	.01	.02	.02	.02	.01	.017	23	.06
22	.01	.01	.01	.01	.02	.02	.03	.03	.02	.02	.01	.01	.01	.02	.04	.06	.04	.03	.02	.02	.02	.02	.02	.03	.022	24	.10
23*	.10	.04	.02	.01	.01	.01	.01	.03	.11	.07	.03	.03	.02	.02	.02	.01	.01	.01	.02	.01	.01	.01	.02	.09	.030	24	.23
24*	.05	.03	.01	.01	.00	.00	.03	.04	.03	.02	.03	.02	.04	.03	.02	.02	.02	.01	.02	.02	.02	.02	.02	.02	.022	24	.09
25	.01	.01	.01	.01	.01	.01	.02	.02	.03	.02	.01	.02	.02	.02	.01	.01	.02	.02	.02	.03	.03	.02	.02	.01	.017	24	.05
26	.01	.01	.01	.01	.01	.00	.02	.02	.06	.11	.05	.06	.03	.02	.01	.01	.01	.06	.02	.02	.02	.01	.01	.01	.025	24	.18
27	.01	.01	.01	.01	.01	.01	.07	.06	.06	.02	.01	.01	.01	.02				.04	.04	.03	.02	.03	.02	.02	.025	21	.14
28	.05	.02	.02	.02	.02	.02	.02	.03	.03	.02	.02	.02	.05		.05	.04	.04	.06	.03	.02	.02	.02	.01	.02	.027	23	.11
29	.01	.01	.06	.06	.04	.02	.02	.04	.05	.03	.02	.02	.02	.02	.02	.02	.02	.02	.02	.03	.02	.01	.01	.01	.024	24	.08
30*	.01	.01	.01	.01	.02	.02	.02	.03	.02	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.03	.014	24	.05
31*	.02	.02	.02	.02	.01	.02	.02	.03	.03	.04	.02	.02	.02	.02	.02	.04	.02	.02	.02	.02	.02	.02	.02	.01	.021	24	.09
MEAN	.02	.01	.02	.02	.02	.02	.03	.03	.04	.03	.03	.03	.02	.02	.02	.02	.02	.02	.02	.02	.01	.02	.01	.02	.021		
NO	31	31	31	31	31	31	31	31	29	29	31	31	31	30	29	29	30	31	31	31	31	31	31	31		734	
MAX	.10	.04	.06	.08	.07	.06	.08	.13	.23	.12	.17	.08	.09	.05	.05	.06	.11	.10	.06	.06	.04	.05	.04	.09	.041		.34

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CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
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Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONCENTRATION IN PPM
CONDUCTOMETRIC ANALYSIS

CINCINNATI, OHIO

SULFUR DIOXIDE
AUG. 1966

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS	5 MIN MAX
1	.01	.01	.02	.01	.01	.01	.02	.07	.10	.12	.03	.02	.03	.05	.04	.04	.03	.02	.02	.02	.02	.02	.04	.05	.033	24	.34
2	.11	.09	.05	.02	.02	.03	.02	.03	.03	.01	.02	.03	.02	.01	.02	.02	.02	.02	.03	.02	.02	.02	.03	.03	.029	24	.16
3	.01	.01	.01	.01	.01	.01	.02	.02	.02	.01		.01	.01	.01	.03	.05	.04	.03	.02	.02	.02	.02	.02	.02	.018	23	.07
4	.03	.03	.04	.03	.03	.03	.04	.05	.05	.06	.06	.05	.04	.03	.03	.03	.03	.03	.03	.02	.02	.02	.03	.03	.034	24	.09
5	.03	.03	.03	.03	.03	.04	.05	.06	.09	.09	.03	.03	.03	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.01	.032	24	.13
6*	.02	.02	.01	.01	.01	.02	.01	.02	.05	.07	.08	.05	.03	.03	.03	.03	.03	.03	.02	.02	.02	.02	.02	.02	.027	24	.10
7*	.03	.06	.04	.01	.02	.01	.01	.05	.10	.06	.01	.01	.01	.01	.01	.01	.02	.03	.01	.02	.01	.01	.01	.01	.023	24	.13
8	.02	.01	.01	.00	.00	.04	.06	.07	.14	.04	.02	.04	.04	.03	.04	.03	.02	.02	.07	.05	.04	.02	.01	.01	.035	24	.21
9	.07	.06	.05	.03	.05	.03	.03	.04	.05	.08	.05		.14	.10	.07	.06	.07	.07	.05	.03	.06	.06	.05	.04	.059	23	.23
10	.04	.07	.05	.03	.02	.03	.04	.07	.05	.04	.02	.02	.02	.04	.07	.08	.11	.24	.23	.02	.02	.03	.04	.03	.058	24	.46
11	.08	.05	.04	.05	.03	.01	.05	.02	.02	.03	.04	.07	.05	.04	.02	.02	.02	.02	.02	.02	.02	.02	.01	.01	.032	24	.14
12	.01	.02	.02	.01	.01	.02	.02	.04	.06	.03	.03	.02	.02	.02	.02	.03	.02	.02	.02	.02	.02	.02	.02	.02	.022	24	.08
13*	.01	.01	.02	.01	.01			.01	.06	.08	.10	.16	.12	.03	.01	.01	.04	.07	.03	.01	.01	.02	.01	.01	.038	22	.22
14*	.01	.01	.01	.00	.00	.00	.01	.01	.01	.01	.01	.02	.02	.01	.02	.02	.01	.01	.01	.01	.01	.02	.01	.02	.011	24	.06
15	.01	.01	.01	.01	.01	.01	.01	.02								.03	.04	.04	.06	.12	.27	.26	.16	.03	.064	17	.48
16	.02	.02	.02	.02	.07	.02	.03	.02	.04	.03	.03	.05			.05	.06	.05	.05	.04	.03	.04	.03	.05	.04	.034	22	.22
17																											
18																											
19		.01	.01	.01	.01	.01	.03	.06	.07	.04	.10	.06	.06	.09	.04	.04	.03	.02	.02	.02	.04	.02	.02	.02	.036	23	.16
20*	.02	.02	.02	.02	.02	.02	.02	.02	.04	.05	.07	.05	.04	.04	.05	.08	.07	.06	.03	.01	.01	.03	.02	.03	.035	24	.10
21*	.02	.01	.01	.01	.01	.01	.03	.02	.02	.02	.03	.03	.02	.01	.01	.01	.01	.01	.01	.02	.01	.01	.01	.01	.016	24	.08
22	.02	.03	.05	.05	.03	.02	.03	.02	.02	.03	.02	.02	.02	.02	.02	.04	.01	.01	.01	.01	.02	.02	.01	.01	.022	24	.08
23	.01	.01	.01	.01	.01	.01	.02	.02			.06	.04	.03	.02	.02	.02	.02	.02	.02	.02	.02	.03	.02	.02	.020	22	.07
24	.06	.04	.02	.01	.01	.01	.02	.06	.03	.02	.05	.02	.02	.02	.02	.02	.02	.03	.02	.01	.02	.04	.06	.05	.026	24	.11
25	.03	.02	.01	.01	.01	.01	.01	.03	.03	.02	.01	.01	.01	.01	.01	.01	.01	.01	.01	.02	.01	.01	.01	.01	.013	24	.06
26	.01	.01	.01	.02	.03	.02	.03	.03	.05	.05	.01	.02	.05	.06	.06	.05	.06	.04	.02	.02	.01	.01	.01	.01	.028	24	.08
27*	.01	.01	.01	.01	.01	.03	.03	.03	.11	.14	.04	.02	.04	.05	.05	.05	.04	.02	.01	.01	.02	.02	.01	.01	.033	24	.17
28*	.01	.01	.01	.01	.01	.00	.01	.01	.05	.05	.04	.03	.01	.02	.04	.05	.02	.02	.01	.01	.01	.01	.01	.01	.018	24	.11
29	.01	.01	.00	.00	.00	.00	.01	.02	.00		.02	.01	.02	.04	.10	.07	.01	.02	.04	.04	.04	.03	.03	.03	.023	23	.32
30	.02	.01	.02	.03	.02	.02	.01	.02	.02	.04	.06	.08	.08	.18	.11	.11	.07	.06	.05	.05	.04	.04	.03	.03	.049	24	.21
31	.02	.01	.01	.01	.01	.01	.01	.02	.06	.08	.08	.05	.05	.04	.04	.03	.03	.02	.02	.03	.02	.02	.02	.01	.028	24	.11
MEAN	.03	.02	.02	.02	.02	.02	.02	.03	.05	.05	.04	.04	.04	.04	.04	.04	.03	.04	.03	.02	.03	.03	.03	.02	.031		
NO	28	29	29	29	29	28	28	29	27	26	27	27	27	27	28	29	29	29	29	29	29	29	29	29		679	
MAX	.11	.09	.05	.05	.05	.04	.06	.07	.14	.14	.10	.16	.14	.18	.11	.11	.11	.24	.23	.12	.27	.26	.16	.05	.064		.48

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CONDUCTOMETRIC ANALYSIS

CINCINNATI, OHIO

SULFUR DIOXIDE
SEPT. 1966

DAY OF MONTH	AM 12-1	AM 1-2	AM 2-3	AM 3-4	AM 4-5	AM 5-6	AM 6-7	AM 7-8	AM 8-9	AM 9-10	AM 10-11	AM 11-12	PM 12-1	PM 1-2	PM 2-3	PM 3-4	PM 4-5	PM 5-6	PM 6-7	PM 7-8	PM 8-9	PM 9-10	PM 10-11	PM 11-12	DAILY MEAN	NO. OF HRS.	5 MIN. MAX.
1	.02		.02	.03	.04	.04	.05	.03	.10	.12	.07	.04	.05	.03	.07										.053	14	.19
2																											
3*																											
4*																											
5																											
6																											
7																											
8																											
9																											
10*		.04	.04	.03	.03	.03	.03	.03	.05	.06	.08	.13	.13	.07	.04	.03	.02	.02	.02	.03	.03	.03	.04	.04	.044	23	.27
11*	.03	.05	.06	.06	.04	.04	.04	.03	.03	.03	.03	.03	.03	.03	.03	.04	.03	.02	.02	.03	.03	.02	.03	.03	.034	24	.08
12	.02	.03	.03	.04	.07	.06	.06	.07	.08	.07	.10	.11	.11	.06	.05	.09	.08	.06	.04	.03	.04	.04	.04	.09	.060	24	.22
13	.06	.02	.02	.02	.02	.02	.05	.05	.05	.03	.02	.02	.03	.07	.06	.03	.03	.02	.02	.02	.02	.05	.03	.02	.032	24	.10
14	.02	.02	.02	.02	.02	.02	.03	.03	.03	.03	.04	.03	.03	.03	.04	.04	.03	.03	.03	.03	.03	.04	.05	.05	.031	24	.08
15	.04	.03	.03	.03	.04	.04	.05	.05	.07	.05	.04	.04	.04	.03	.04	.03	.03	.03	.03	.03	.03	.05	.05	.05	.038	24	.08
16	.04	.04	.03	.04	.04	.06	.14	.10	.10	.09	.03				.04	.04	.04	.03	.03	.04	.04	.04	.05	.05	.054	21	.28
17*	.04	.03	.04	.04	.05	.05	.05	.06	.07	.08	.06	.05	.03	.06	.05	.04	.02	.03	.04	.04	.03	.03	.03	.03	.043	24	.09
18*	.03	.03	.03	.03	.03	.03	.02	.03	.04	.12	.12	.05	.03	.03	.03	.03	.03	.02	.02	.02	02	.03	.02	.02	.035	24	.24
19	.02	.02	.02	.02	.02	.02	.02	.02	.03							.02	.02	.02	.02	.02	.03	.03	.02	.02	.022	18	.03
20	.02	.02	.02	.02	.02	.02	.02	.03	.04	.02	.02	.02	.02	.01	.02	.02	.02	.04	.03	.03	.04	.04	.04	.03	.025	24	.07
21	.03	.02	.02	.02	.02	.02	.02	.02	.03	.05	.04	.04	.04	.04	.04	.06	.13	.09	.04	.05	.03	.03	.03	.06	.040	24	.19
22	.03	.03	.03	.02	.03	.04	.08	.13	.04	.03	.03	.03	.03		.10	.07	.05	.05	.04	.03	.03	.04	.03	.04	.045	23	.27
23	.10	.12	.11	.09	.10	.10	.04	.04		.05	.02	.02	.02	.01	.01	.01	.01	.01	.02	.01	.02	.01	.01	.01	.041	23	.13
24*	.01	.01	.01	.01	.01	.00	.00	.01	.03	.09	.15	.02	.02	.02	.02	.02	.02	.01	.01	.01	.01	.01	.01	.01	.021	24	.53
25*	.02	.01	.01	.01	.04	.02	.00	.00	.01	.03	.05	.03	.01	.01	.01	.01	.00	.00	.01	.01	.01	.01	.01	.01	.013	24	.10
26	.01	.01	.01	.00	.00	.00	.01	.01	.03	.02	.02	.03	.02	.01	.01	.02	.01	.02	.05	.02	.02	.02	.02	.01	.015	24	.08
27	.04	.03	.01	.01	.01	.01	.01	.02	.01	.02	.02	.01	.03	.02	.03	.03	.03	.03	.03	.03	.07	.06	.06	.04	.026	24	.08
28	.02	.02	.02	.02	.02	.02	.02	.03	.07	.07	.07	.06	.05	.04	.03	.02	.02	.02	.02	.02	.02	.02	.02	.02	.030	24	.09
29	.04	.04	.03	.02	.03	.04	.05	.02	.02	.06	.02	.03	.02	.02	.02	.02	.01	.05	.06	.10	.06	.04	.02	.01	.034	24	.13
30	.01	.00	.01	.02	.00	.01	.01	.02		.01	.01	.01	.01	.02	.02	.02	.03	.02	.02	.01	.02	.02	.02	.00	.013	23	.07
MEAN	.03	.03	.03	.03	.03	.03	.04	.04	.05	.05	.05	.04	.04	.03	.04	.03	.03	.03	.03	.03	.03	.03	.03	.03	.034		
NO.	21	21	22	22	22	22	22	22	20	21	21	20	20	19	21	21	21	21	21	21	21	21	21	21		505	
MAX	.10	.12	.11	.09	.10	.10	.14	.13	.10	.12	.15	.13	.13	.07	.10	.09	.13	.09	.06	.10	.07	.06	.06	.09	.060		.53

* Indicates Saturday or Sunday
Local standard time used

TABULATED THU., MAR. 16, 1967

CONTINUOUS AIR MONITORING PROGRAM

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

CINCINNATI, OHIO

CONCENTRATION IN PPM
CONDUCTOMETRIC ANALYSIS

SULFUR DIOXIDE
OCT. 1966

DAY OF MONTH	AM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	PM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN MAX
1*	.00		.01	.01	.01	.01	.01	.02	.02	.02	.02	.06	.07	.03	.02	.02	.02	.02	.02	.02	.03	.04	.03	.03	.022	23	.13
2*	.03	.02	.02	.02	.02	.02	.01	.01	.02	.04	.06	.03	.03	.02	.02	.03	.03	.03	.02	.02	.02	.02	.03	.02	.024	24	.08
3	.02	.02	.02	.02	.02	.02	.03	.05	.05	.08	.04		.06	.06	.12	.10	.04	.05	.04	.03	.03	.03	.03	.07	.045	23	.18
4	.03	.02	.03	.03	.02	.02	.03	.03	.04	.04	.03	.05	.03	.02	.02	.01	.01	.02	.02	.02	.01	.01	.01	.02	.023	24	.06
5	.02	.02	.02	.03	.02	.01	.02	.07	.04	.03	.02	.01		.02	.02	.02	.02	.02	.02	.02	.03	.02	.03	.04	.024	23	.08
6	.03	.01	.01	.02	.01	.01	.03	.07	.05	.03	.02	.01	.05	.10	.14	.14	.14	.04	.03	.03	.02	.02	.02	.01	.043	24	.27
7	.01	.01	.01	.01	.01	.02	.03	.04	.05	.09	.10	.09	.02	.01	.01	.02	.03	.00	.00	.01	.01	.01	.01	.01	.026	24	.17
8*	.00	.00	.00	.00	.00	.00	.01	.01	.03		.04	.05	.02	.01	.01	.01	.01	.01	.03	.02	.01	.02	.01	.01	.013	23	.10
9*	.01	.01	.00	.00	.00	.01	.01	.01	.04	.02	.02	.02	.07	.05	.02	.03	.00	.02	.04	.05	.06	.10	.05	.03	.027	24	.27
10	.00	.00	.00	.00	.00	.01	.01	.02	.02	.01	.02	.00	.00	.00	.01	.01	.01	.01	.05	.01	.00	.01	.01	.02	.010	24	.14
11	.03	.04	.03	.03	.06	.08	.09	.08	.04	.01	.01	.01		.06	.05	.03	.02	.02	.05	.09	.03	.02	.02	.02	.039	23	.16
12	.02	.02	.01	.02	.01	.01	.03	.04	.06	.10		.04	.04	.12	.07		.05	.06	.03	.02	.02	.02	.02	.02	.037	22	.34
13	.01	.01	.01	.01	.01	.01	.02	.03	.03	.04	.04	.10	.12	.04	.17	.12	.12	.21	.01	.01	.01	.01	.01	.01	.048	24	.51
14	.04	.04	.01	.02	.01	.01	.03	.02	.02	.03	.02	.13	.06	.15	.10	.11	.01	.02	.02	.01	.01	.01	.01	.01	.036	24	.37
15*	.01	.00	.00	.00	.00	.00	.00	.01	.02	.00	.00	.00	.00	.01	.02	.01	.05	.03	.02	.01	.02	.00	.03	.01	.011	24	.10
16*	.02	.01	.03	.00	.00	.00	.00	.00	.01	.01	.00	.01	.00	.00	.00	.04	.06	.03	.05	.00	.00	.01	.01	.02	.012	24	.15
17	.02	.01	.01	.00	.00	.01	.02	.03	.02	.02	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.013	24	.07
18	.01	.01	.00	.00	.00	.01	.01	.03	.03	.05	.07	.07	.04	.05	.02	.01	.04	.05	.04	.04	.04	.03	.04	.02	.029	24	.13
19	.02	.03	.03	.02	.02	.01	.02	.03	.02		.02	.02	.02	.02	.02	.01	.02	.03	.04	.05	.04	.03	.03	.03	.024	23	.07
20	.03	.02	.02	.03	.02	.02	.03	.05	.03	.04	.04	.02	.04	.02	.02	.02	.02	.03	.05	.04	.04	.04	.04	.03	.030	24	.15
21	.03	.03	.02	.02	.02	.03	.04	.06	.05	.04	.04	.04	.08	.09	.09	.07	.04	.01	.02	.02	.01	.02	.01	.01	.037	24	.24
22*	.01	.01	.04	.12	.07	.02	.02	.11	.11	.03	.00	.00	.00	.00	.00	.00	.00	.01	.02	.02	.04	.11	.03	.01	.032	24	.18
23*	.01	.01	.01	.01	.01	.01	.01	.01	.02	.02	.02	.01	.00	.00	.00	.00	.00	.00	.00	.01	.01	.02	.01	.01	.009	24	.06
24	.02	.02	.02	.01	.03	.06	.06	.05	.09	.12	.06	.01		.01	.01	.02	.02	.01	.01	.03	.04	.03	.03	.03	.034	23	.14
25	.03	.03	.05	.04	.06	.05	.06	.10	.09	.08			.03	.03	.01	.01	.01	.02	.01	.02	.04	.02	.04	.05	.040	22	.12
26	.03	.03	.12	.07	.07	.09	.07	.12	.08	.05	.05	.03	.02	.02	.03	.03	.02	.04	.05	.03	.06	.07	.06	.06	.053	24	.16
27	.05	.04	.04	.03	.02	.02	.03	.05	.08	.11	.15	.05	.03	.02	.02	.02	.03	.02	.02	.02	.03	.03	.03	.02	.040	24	.22
28	.02	.02	.02	.02	.02	.02	.04	.04	.06	.09	.07	.05	.05	.06	.03	.02	.04	.03	.02	.02	.02	.03	.03	.03	.034	24	.12
29*	.04	.03	.04	.05	.05	.06	.03	.02	.02	.01	.01	.00	.00	.00	.00	.00	.00	.01	.01	.02	.03	.05	.02	.02	.021	24	.10
30*	.01	.01	.01	.02	.02	.04	.04	.04	.06	.04	.00	.00	.01	.01	.01	.03	.05	.03	.01	.01	.02	.02	.02	.02	.022	24	.09
31	.02	.02	.02	.05	.08	.09	.12	.10	.05	.04	.04	.04	.04	.03	.04	.04	.04	.04	.04	.05	.11	.09	.01	.01	.050	24	.20
MEAN	.02	.02	.02	.02	.02	.03	.03	.04	.04	.04	.03	.03	.03	.03	.04	.03	.03	.03	.03	.02	.03	.03	.02	.02	.029		
NO	31	30	31	31	31	31	31	31	31	29	29	29	28	31	31	30	31	31	31	31	31	31	31	31		733	
MAX	.05	.04	.12	.12	.08	.09	.12	.12	.11	.12	.15	.13	.12	.15	.17	.14	.14	.21	.05	.09	.11	.11	.06	.07	.053		.51

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Local standard time used

TABULATED THU., MAR. 16, 1967

CONTINUOUS AIR MONITORING PROGRAM

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

CINCINNATI, OHIO

CONCENTRATION IN PPM
CONDUCTOMETRIC ANALYSIS

SULFUR DIOXIDE
NOV. 1966

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN MAX
1	.01	.01	.02	.01	.01	.00	.01	.06	.05				.01	.02	.01	.02	.01	.01	.02	.02	.01	.01	.03	.01	.017	21	.13
2	.01	.01	.01	.01	.01	.02	.02	.04	.03	.02	.01		.02		.04	.04	.04	.04	.03	.04	.04	.03	.03	.03	.024	22	.08
3	.03	.03	.02	.05	.04	.06	.05	.07	.04	.02						.03	.01	.02	.05	.03	.02	.04	.04	.05	.035	19	.14
4	.05	.05	.04	.05	.04	.06	.12	.07	.07	.05	.05	.05	.05	.06	.07	.08	.04	.13	.13	.16	.10	.12	.10	.05	.073	24	.28
5*	.05	.07	.05	.05	.08	.12	.07	.05	.05	.05	.03	.05	.04	.01	.02	.03	.07	.03	.03	.05	.03	.02	.02	.02	.044	24	.18
6*	.02	.02	.02	.02	.03	.06	.10	.09	.23	.22	.30	.04	.03	.02	.02	.02	.03	.03	.03	.02	.02	.02	.02	.02	.060	24	.63
7	.02	.02	.02	.02	.03	.04	.14	.11	.08	.11	.04	.02	.02	.03	.04	.02	.05	.12	.08	.04	.16	.05	.29	.03	.065	24	.48
8	.17	.03	.03	.16	.05	.12	.12	.11	.13	.08	.05	.03	.02	.05	.07	.05	.06	.04	.04	.02	.02	.01	.07	.23	.073	24	.36
9	.18	.13	.09	.08	.10	.09	.17	.07	.03	.09	.22	.15	.09	.07	.12	.13	.02	.01	.01	.01	.01	.01	.11	.12	.088	24	.33
10	.12	.01	.00	.01	.01	.01	.01	.01	.03	.01	.02					.01	.00	.01	.02	.04	.05	.01	.02	.01	.020	20	.28
11	.04	.06	.08	.05	.06	.05	.05	.04	.03	.05	.04	.05	.04	.01	.00	.01	.00	.01	.04	.10	.09	.09	.13	.10	.050	24	.18
12*	.06	.10	.10	.13	.11	.13	.09	.05	.03	.06	.08	.04	.02	.02	.02	.02	.01	.02	.01	.01	.02	.04	.04	.04	.052	24	.16
13*	.03	.02	.01	.01	.01	.01	.02	.04	.03	.02	.02	.03	.03	.02	.02	.02	.03	.04	.04	.03	.03	.05	.03	.06	.026	24	.08
14	.06	.05	.05	.03	.04	.05	.05	.07	.07	.07	.11	.12	.05	.04	.03	.03	.03	.03	.04	.04	.03	.03	.03	.02	.047	24	.15
15	.02	.05	.03	.02	.02	.01	.02	.04	.05	.03	.04	.08	.14	.12	.12	.18	.15	.10	.04	.03	.05	.04	.03	.03	.059	24	.20
16	.03	.02	.02	.02	.03	.03	.04	.08	.08	.08	.11	.05	.02	.02	.03	.03	.03	.08	.18	.06	.15	.02	.01	.07	.053	24	.35
17	.07	.04	.03	.03	.06	.05	.04	.05	.05	.04	.02	.02	.01				.01	.09	.23	.32	.18	.03	.01	.01	.066	21	.38
18	.01	.01	.01	.01	.01	.01	.01	.03	.02	.03	.03						.02	.02	.02	.02	.02	.01	.01	.01	.016	19	.13
19*	.03	.02	.01	.01	.02	.02	.02	.01	.01	.01	.01	.00	.00	.00	.00	.01	.00	.00	.01	.02	.01	.01	.01	.01	.009	24	.06
20*	.01	.01	.01	.02	.01	.02	.02	.03	.03	.04	.03	.02	.02	.02	.02	.03	.02	.02	.03	.02	.02	.04	.06	.03	.023	24	.11
21	.04	.03	.05	.05	.04	.05	.14	.12	.08	.07	.10	.05					.04	.04	.03	.04	.03	.03	.02	.02	.054	20	.25
22	.02	.02	.02	.01	.01	.02	.02	.02	.03	.03	.02						.02	.02	.02	.02	.01	.01	.01	.01	.018	19	.06
23	.01	.01	.02	.03	.02	.02	.03	.03	.11	.09	.04							.05	.02	.03	.09	.08	.09	.07	.046	18	.24
24	.05	.05	.05	.08	.11	.05	.09	.12		.05	.03	.03	.03	.03	.03	.04	.05	.10	.04	.10	.13	.07	.05	.08	.062	23	.20
25	.04	.05	.04	.02	.02	.02	.02	.03	.03	.02	.03	.03	.03	.02	.02	.02	.04	.03	.03	.03	.03	.03	.02	.02	.027	24	.10
26*	.01	.03	.03	.04	.01	.01	.03	.04	.03	.04	.02	.03	.03	.01	.02	.02	.02	.01	.03	.02	.01	.01	.02	.01	.021	24	.10
27*	.01	.01	.00	.00	.00	.01	.01	.01	.00	.01	.05	.02	.01	.01	.00	.01	.00	.00	.01	.01	.01	.01	.00	.00	.008	24	.15
28	.00	.00	.00	.00	.01	.01	.02	.03	.02	.03	.03	.03	.02	.02	.02	.02	.02	.01	.01	.01	.01	.01	.01	.01	.015	24	.07
29	.01	.02	.02	.01	.02	.02	.01	.01	.02	.02	.02	.02	.02	.02	.02	.03	.02	.08	.10	.04	.03	.03	.02	.03	.026	24	.14
30	.01	.01	.02	.01	.03	.02	.02	.02	.03			.03	.04	.04	.03	.02	.02	.03	.04	.03	.03	.02	.03	.02	.024	22	.08
MEAN	.04	.03	.03	.03	.03	.04	.05	.05	.05	.05	.06	.04	.03	.03	.03	.03	.03	.04	.05	.05	.05	.03	.04	.04	.040		
NO	30	30	30	30	30	30	30	30	29	28	27	23	24	22	23	25	29	30	30	30	30	30	30	30		680	
MAX	.18	.13	.10	.16	.11	.13	.17	.12	.23	.22	.30	.15	.14	.12	.12	.18	.15	.13	.23	.32	.18	.12	.29	.23	.088		.63

* Indicates Saturday or Sunday
Local standard time used

TABULATED THU., MAR. 16, 1967

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONCENTRATION IN PPM
CONDUCTOMETRIC ANALYSIS

CINCINNATI, OHIO

SULFUR DIOXIDE
DEC. 1966

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS	5-MIN MAX
1	.02		.06	.03	.02	.04	.04	.03		.09				.05	.02	.03	.04	.03	.03	.03	.03	.03	.03	.03	.033	19	.14
2	.02	.02	.02	.03	.02	.02	.03	.03	.03	.02	.02	.01	.02	.04	.09	.03	.02	.02	.03	.03	.03	.03	.03	.02	.024	24	.07
3*	.02	.02	.02	.02	.03	.05	.08	.09	.09	.08	.08	.07	.03	.01	.02	.01	.01	.01	.01	.02	.01	.02	.02	.02	.033	24	.10
4*	.02	.03	.03	.03	.03	.02	.04	.04	.04	.12	.15	.11	.05	.04	.03	.03	.04	.04	.04	.04	.05	.03	.03	.04	.045	24	.19
5	.04	.04	.04	.05	.04	.04	.04	.04	.09	.11	.03	.04	.03	.03	.03	.03	.03	.07	.05	.03	.03	.04	.03	.03	.042	24	.19
6	.02	.02	.02	.02	.02	.03	.03	.04	.05	.04	.09	.09	.11	.21		.23	.09	.03	.07	.16	.42	.37	.13	.05	.101	23	.55
7	.19	.29	.33	.06	.02	.01	.02	.03	.02	.04	.09	.15	.32	.30	.32	.26	.32	.07	.01	.01	.10	.13	.08	.14	.136	24	.46
8	.10	.13	.22	.18	.22	.19	.08	.08	.22	.08				.05	.16	.16	.02	.02	.01	.01	.01	.10	.06	.02	.101	21	.37
9	.06	.07	.06	.15	.08	.03	.08	.02	.02	.02	.02	.03	.03	.04	.05	.05	.06	.05	.04	.03	.03	.03	.04	.02	.046	24	.18
10*	.02	.02	.01	.02	.02	.02	.02	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.02	.02	.02	.02	.02	.02	.014	24	.06
11*	.02	.01	.01	.02	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.02	.01	.01	.01	.01	.011	24	.06
12	.01	.01	.01	.01	.00	.00	.01	.01	.01	.01	.01	.01	.02	.02	.02	.01	.01	.02	.02	.03	.02	.03	.02	.02	.013	24	.08
13	.02	.02	.02	.02	.02	.02	.02	.03	.04	.04	.07	.08	.09	.10	.09	.06	.05	.04	.05	.05	.04	.05	.07	.19	.053	24	.26
14	.29	.13	.03	.03	.09	.08	.08	.17	.06			.03	.03	.09	.08	.05	.03	.04	.10	.19	.07	.07	.17	.10	.090	22	.36
15	.07	.12	.06	.05	.04	.09	.05	.06	.07	.06	.06	.06	.05	.06	.05	.10	.08	.03	.05	.04	.06	.05	.09	.12	.064	24	.22
16	.09	.06	.06	.06	.05	.06	.07	.08	.07	.07	.08	.06	.07	.07	.06	.04	.04	.05	.05	.06	.05	.04	.05	.04	.058	24	.12
17*	.04	.03	.04	.07	.03	.09	.10	.06	.05	.05	.04	.03	.03	.03	.03	.03	.03	.09	.14	.03	.03	.03	.02	.02	.047	24	.27
18*	.03	.02	.03	.03	.04	.04	.04	.04	.03	.06	.08	.05	.02	.02	.01	.04	.03	.01	.02	.03	.03	.05	.06	.04	.035	24	.09
19																											
20																											
21																											
22	.02	.02	.02	.04	.06	.05	.07	.10	.09	.06	.04	.03		.03	.02	.02	.01	.02	.02	.02	.02	.02	.02	.03	.035	23	.12
23	.02	.03	.01	.01	.01	.01	.01	.01	.01			.02	.02	.02	.02	.03	.03	.03	.03	.03	.03	.02	.02	.03	.020	22	.04
24*	.03	.03	.01	.02	.02	.02	.02	.02	.02	.02	.02	.01	.01	.01	.02	.02	.03	.02	.02	.03	.03	.05	.07	.07	.025	24	.08
25*	.04	.02	.04	.02	.01	.01	.02	.03	.03	.03	.04	.04	.05	.02	.02	.02	.01	.01	.02	.02	.02	.02	.03	.02	.025	24	.07
26	.02	.03	.03	.03	.03	.03	.04	.04	.04	.05	.04	.02	.02	.03	.03	.02	.02	.02	.02	.02	.03	.03	.03	.03	.029	24	.06
27	.03	.04	.04	.03	.02	.04	.05	.07	.07	.10	.10	.16	.15	.07	.07	.13	.06	.03	.02	.01	.02	.01	.01	.01	.055	24	.29
28	.01	.01	.00	.00	.00	.01	.01	.02	.04	.02			.02	.02	.06	.16	.03	.05	.05	.02	.00	.04	.02	.00	.026	22	.26
29	.01	.03	.00	.00	.00	.00	.00	.00	.00	.00	.01	.00	.00	.01	.00	.00	.00	.00	.00	.01	.01	.01	.01	.00	.004	24	.08
30	.00	.02	.02	.01	.02	.02	.02	.03	.03	.04	.08	.05	.02	.03	.04	.04	.03	.02	.03	.02	.02	.02	.04	.03	.028	24	.11
31*	.02	.01	.01	.01	.01	.01	.00	.02	.03	.03	.01	.03	.01	.02	.02	.07	.05	.09	.02	.02	.01	.02	.01	.00	.022	24	.17
MEAN	.04	.05	.04	.04	.03	.04	.04	.04	.05	.05	.05	.05	.05	.05	.05	.06	.04	.03	.03	.04	.04	.05	.04	.04	.043		
NO	28	27	28	28	28	28	28	28	27	26	23	25	25	28	27	28	28	28	28	28	28	28	28	28		656	
MAX	.29	.29	.33	.18	.22	.19	.10	.17	.22	.12	.15	.16	.32	.30	.32	.26	.32	.09	.14	.19	.42	.37	.17	.19	.136		.55

* Indicates Saturday or Sunday
Local standard time used

TABULATED THU., MAR. 16, 1967

CONTINUOUS AIR MONITORING PROGRAM

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

CINCINNATI, OHIO

CONCENTRATION IN PPM
FLAME IONIZATION ANALYSIS

TOTAL HYDROCARBON
JAN. 1966

DAY OF MONTH	AM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	PM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS	5-MIN MAX
1*	2.0	1.9	1.9	1.9	1.9	1.8	1.9	1.9	1.8	1.8	1.9	1.9	1.8	2.0	2.1	1.9	1.9	1.9	1.9	1.8	1.9	1.8	1.9	1.9	1.87	24	2.8
2*	1.9	1.8	1.8							2.9				2.1	1.9	2.2	2.1	2.0	2.0	2.1	2.0	1.8	1.7	1.6	1.99	15	3.5
3	1.6	1.6	1.6	1.6	1.6	1.7	1.8	2.0	2.1	1.9	1.9	1.9	1.9	1.8	1.8	1.9	2.0	2.2	2.6	3.2	3.5	4.7	6.2	6.4	2.46	24	8.9
4	4.4	3.7	4.9	4.1	4.0	5.0	4.9	5.7	8.1	7.1	4.0	2.6	2.3	2.2	2.3		2.4	2.5	3.0	3.2	8.2	7.9	7.4	6.9	4.61	23	10.5
5	6.8	6.5	5.7	4.8	3.6	3.0	3.8		3.8		3.2	4.2		3.2	3.6	3.4	4.0	3.5	2.5	2.9	3.0	3.7	2.5	2.5	3.76	21	8.4
6	2.5	2.4	2.7	2.4	2.4	2.4	2.5	2.3	2.6	2.1	2.2	2.0	1.9	2.0	2.0	2.1	2.1	2.1	2.1	2.0	2.0	2.0	2.0	2.0	2.18	24	3.2
7	2.1	2.0	2.0	2.0	2.0	2.0	2.1	2.1	2.2	2.2	2.2	2.1	2.1	2.2	2.1	2.1	2.1	1.9	1.8	1.8	1.9	1.8	1.8	1.7	2.00	24	2.7
8*	1.7	1.8	1.7	1.7	1.7	1.7	1.8	1.7	1.8	1.9	1.8	1.8	1.8	1.8	1.9	1.8	1.8	2.0	2.1	2.2	2.3	2.5	2.6	2.4	1.92	24	2.8
9*	2.3	2.3	2.3	2.2	2.1	2.1	2.0	2.1	2.1	1.9	1.9	2.0	2.0	1.9	2.0	2.0	2.0	2.2	2.5	2.4	2.2	2.3	2.3	2.2	2.12	24	2.7
10	2.1	2.0	1.8	1.8	1.9	1.9	1.9	2.1	2.1	2.2	2.0	1.9	1.9	1.8	1.9	1.8	1.8	1.8	1.8	1.8	1.8	1.9	1.8	1.9	1.89	24	2.8
11	1.9	1.9	1.8	1.9	1.9	1.8	1.9	2.0	2.0	2.0	1.9	1.9	1.8	1.9	1.9	1.9	2.1	2.5	2.2	2.1	2.0	1.9	1.8	1.8	1.94	24	2.9
12	1.7	1.8	1.8	1.7	1.7	1.7	1.8	1.9	2.1	2.0	1.9	1.9	1.9	1.9	1.9	1.9	2.1	2.2	1.9	1.9	2.0	2.0	2.0	2.1	1.89	24	2.6
13	2.3	2.0	2.0	2.0	1.8	1.8	1.9	2.0	1.9	1.9	1.9	1.9	1.9	1.8	1.9	2.0	1.9	2.0	2.0	2.0	1.9	2.0	1.8	1.8	1.92	24	2.9
14	1.8	1.9	1.8	2.0	1.9	1.9	2.0	2.1	2.1	1.9	1.9	1.7	1.8	1.9	2.0	1.9	2.1	2.4	2.8	3.3	2.8	2.2	3.1	4.5	2.24	24	6.0
15*	4.6	5.7	5.2	5.2	4.9	6.8	7.5	6.6	3.7	3.8	3.5	2.0	2.0	1.9	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.8	2.0	1.9	3.45	24	8.9
16*	1.8	1.8	1.8	1.7		1.7	1.6	1.9	1.8	1.8	1.8	1.8	1.8	2.0	1.8	1.8	2.2	2.0	2.0	1.9	1.9	1.8	2.1	2.0	1.86	23	3.1
17	1.9	1.9	1.9	1.8	1.9	1.9	2.1	2.1	2.1	2.0	1.9	1.8	1.8	1.8	1.8	1.8	2.0	1.9	1.9	2.2	1.9	2.2	2.4	2.0	1.94	24	3.0
18	1.7	1.7	1.8	1.8	1.6	1.7	1.8	2.1	2.0	1.9	1.8	1.8	1.8	1.8	1.8	1.8									1.80	16	2.4
19																											
20																											
21																											
22*																											
23*	2.1	2.0	2.0	2.0	2.0	2.0	2.0	2.1	2.1	2.1	2.0	2.1	2.1	2.0	2.0	2.0	2.1	2.0	2.0	2.0	2.0	2.1	2.1	2.2	2.03	24	2.3
24																											
25																											
26																											
27																											
28																											
29*																											
30*																											
31																											
MEAN	2.5	2.4	2.4	2.4	2.3	2.4	2.5	2.5	2.6	2.4	2.2	2.1	1.9	2.0	2.0	2.0	2.1	2.2	2.2	2.3	2.5	4.5	2.6	2.6	2.31		
NO.	19	19	19	18	17	18	18	17	18	18	18	18	17	19	19	18	18	18	18	18	18	18	18	18		434	
MAX	6.8	6.5	5.7	5.2	4.9	6.8	7.5	6.6	8.1	7.1	4.0	4.2	2.3	3.2	3.6	3.4	4.0	3.5	3.0	3.3	8.2	7.9	7.4	6.9	4.61		10.5

* Indicates Saturday or Sunday
Local standard time used

TABULATED THU., MAR. 16, 1967

CONTINUOUS AIR MONITORING PROGRAM

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

CINCINNATI, OHIO

CONCENTRATION IN PPM
FLAME IONIZATION ANALYSIS

TOTAL HYDROCARBON
FEB, 1966

DAY OF MONTH	AM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	PM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5 MIN MAX
1																											
2																											
3																											
4																											
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25																											
26*																											
27*																											
28																											
MEAN																									0.00		.0
NO																											
MAX																											

* Indicates Saturday or Sunday
Local standard time used

TABULATED THU., MAR. 16, 1967

D-57

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CINCINNATI, OHIO

CONCENTRATION IN PPM
FLAME IONIZATION ANALYSIS

TOTAL HYDROCARBON
MARCH 1966

DAY OF MONTH	AM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	PM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5 MIN MAX
1																											
2																											
3	2.3	2.2	2.2	2.1	2.3	2.3	2.5	2.7	3.0	2.5	3.1	2.5	2.4	2.4	2.4	2.6	2.5	2.6	2.4	2.3	2.3	2.2	1.9	1.9	2.40	24	3.7
4	1.8	1.9	1.9	1.9	1.9	1.9	2.1	2.0	1.8	1.9	1.8	1.9	1.9	1.8	1.9	1.9	1.8	2.0	1.9	2.0	2.5	1.9	1.9	1.9	1.89	24	3.0
5*	1.7	1.9	1.9	2.3	1.9	2.0	2.1	2.1	2.1	1.9	1.9	1.8	1.7	1.5	1.5	1.5	1.6	1.7	1.8	1.8	1.8	1.9	1.8	1.6	1.81	24	3.6
6*	1.5	1.5	1.5	1.5	1.5	1.5	1.6	1.5	1.5	1.5	1.7	1.5	1.4	1.4	1.4	1.5	1.5	1.4	1.5	1.4	1.4	1.4	1.4	1.4	1.46	24	2.0
7	1.4	1.4	1.4	1.3	1.3	1.4	1.4	1.5	1.6	1.4	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.6	1.5	1.5	1.3	1.3	1.44	24	1.9
8	1.5	1.5	1.6	1.9	1.7	2.4	2.1	2.1			1.9	1.9	2.1	2.0	2.0	2.0	2.0	1.9	2.0	2.0	2.3	2.6	4.0	2.3	2.07	22	5.4
9	2.5	2.3	2.3	2.0	2.1	2.1	2.4	2.5	2.4	2.2	2.2	2.0	2.1	2.0	2.2	2.1	2.3	2.6	2.7	4.0	5.6	4.6	3.7	2.8	2.64	24	9.3
10	3.5	6.1	2.8	2.9	3.1	3.3	3.2	3.9	3.3	3.5	3.1	2.9	2.4	2.4	2.4	2.2	2.3	2.4	2.3	2.6	2.5	2.6	2.4	2.4	2.93	24	8.8
11	2.3	2.9	2.4	4.3	2.9	2.5	2.6	2.9	2.9	3.2	2.3	2.3	2.2	2.2	2.1	2.3	2.3	2.4	2.6	3.0	3.1	3.1	3.5	3.3	2.75	24	7.5
12*	4.0	3.4	3.0	2.6	2.6	4.5	2.2	2.5	2.6	2.6	2.7	2.5	2.5	2.5	2.4	2.5	2.7	2.9	2.8	3.0	2.7	2.8	2.9	3.2	2.74	24	4.7
13*	2.9	2.8	3.1	2.8	2.6	4.5	2.4	2.5	2.3	2.3	2.1	2.0	2.1	2.2	2.2	2.3	2.1	2.1	2.2	2.2	2.1	2.2	2.3	2.1	2.34	24	3.5
14	2.2	2.0	2.1	2.1	2.3	2.2	2.3	2.5	2.5	2.4	2.4	2.3	2.8	2.7	2.2	2.3	2.3	2.4	3.1	3.0	3.4	3.7	7.2	9.4	2.97	24	12.4
15	9.6	9.6	5.5	7.6	6.1	3.9	3.8	4.4	5.1	3.2		2.0	2.0	2.1	2.0	2.1	2.2	2.2	2.2	2.4	2.5	2.3	2.2	2.5	3.88	23	12.8
16	2.4	2.2	2.2	2.2	2.2	2.3	2.7	2.7	2.7		2.4	2.6	2.7	2.1	2.3	2.2	2.2	2.4	2.5	3.0	2.8	2.7	3.4	3.4	2.53	23	6.4
17	2.5	5.5	5.4	8.7	7.9	7.4	6.4	6.0	4.6	3.1	2.3	2.3	2.3	2.2	2.3	2.4	2.5	2.5	2.5	3.7	2.7	2.9	2.6	2.4	3.83	24	11.8
18	2.2	2.1	2.0	2.1	2.1	2.1	2.1	2.3	2.4	2.3	2.1	2.1	2.2	2.1	2.0	2.0	2.2	2.5	2.4	2.4	2.7	2.9	2.5	2.7	2.27	24	3.4
19*	2.6	3.3	2.8	2.7	2.6	2.8	2.3	2.4	2.2	2.2	2.0	2.0	1.9	2.0	2.0	1.9	2.0		1.9	2.0	2.0	2.2	2.0	2.0	2.23	23	3.8
20*	2.0	2.0	1.9	1.9	2.0	1.9	1.9	2.0	2.0	1.9	1.9	2.0	2.2	2.1	2.1	2.1	2.0	2.2	2.5	4.4	4.1	3.4	4.2	5.1	2.39	24	6.1
21	4.6	2.6	2.3	2.6	2.7	2.4	2.4	2.4	2.6	2.6	2.6	4.3	2.8	4.6	6.0	3.3	2.6	2.6	2.8	3.2	3.2	2.6	2.2	2.0	2.99	24	8.2
22	2.0	2.0	2.1	2.0	1.9	2.0	2.2	2.3	2.3	2.1	2.0	2.2	2.1	2.2	2.1	2.1	2.3	2.4	2.3	2.6	4.0	9.7	3.6	3.5	2.66	24	12.3
23	2.6	2.5	2.5	2.3	2.3	2.2	2.2	2.3	2.3	2.1	2.4	2.0	2.0	2.1	2.1		2.1	2.1	2.0	2.0	2.0	2.0	2.0	2.0	2.16	23	3.6
24	2.0	2.0	2.0	2.0	1.9	1.9	2.0	2.2	2.1	2.1	2.1	2.0	2.1	2.1	2.0	2.2	2.3	2.2	2.0	2.0	2.2	2.0	2.1	2.0	2.05	24	2.6
25	2.0	2.0	2.0	2.1	2.0	2.1	2.2	2.2	2.2	2.0	2.0	2.0	2.1	2.1	2.0	2.1	2.2	2.2	2.5	2.5	2.6	3.0	2.9	2.8	2.22	24	3.8
26*	2.5	2.4	2.7	2.6	2.4	2.2	2.2	2.3	2.2	2.0	2.0	1.9	2.0	2.0	2.1	2.0	2.2	1.9	2.1	2.2	2.3	4.4	2.3	2.2	2.20	24	3.4
27*	2.2	2.2	2.6	2.4	2.5	4.4	2.3	2.2	2.1	2.0	1.9	1.9	1.9	1.9	2.0	2.0	2.0	2.0	2.3	2.2	2.3	2.3	2.8	3.3	2.22	24	3.7
28	3.7	3.1	2.8	2.5	2.2	2.1	2.5	2.3	2.3	2.1	2.1	1.9	2.0	2.0	2.0	2.0	2.0	2.3	2.1	2.3	2.7	3.0	3.8	5.9	2.56	24	7.9
29	5.4			3.5	3.9	3.2	2.9	2.7	2.4	2.3	2.3			1.9	2.1	2.2	2.4	2.3	2.0	2.1	2.1	4.4	2.3	2.3	2.63	20	7.9
30	2.2	2.3	2.6	3.0	2.3	2.3	2.0	2.0	2.1	2.0	1.9	2.0	1.9	1.9	1.9	1.9	1.9	1.9	1.8	2.0	2.1	2.1	2.0	2.1	2.07	24	4.0
31	2.0	1.8	2.0	2.0	2.0	2.2	2.4	2.6	2.5	2.3	1.9	1.8	1.8	1.9	2.0	2.3	2.0	2.0	2.0	2.1	2.3	2.1	2.1	2.2	2.09	24	3.2
MEAN	2.7	2.8	2.5	2.8	2.6	2.5	2.5	2.5	2.5	2.3	2.2	2.1	2.1	2.1	2.2	2.1	2.1	2.2	2.2	2.4	2.6	2.8	2.7	2.8	2.43		
NO	29	28	28	29	29	29	29	29	28	27	28	28	28	29	29	28	29	28	29	29	29	29	29	29		686	
MAX	9.6	9.6	5.5	8.7	7.9	7.4	6.4	6.0	5.1	3.5	3.1	4.3	2.8	4.6	6.0	3.3	2.7	2.9	3.1	4.0	5.6	9.7	7.2	9.4	3.88		12.8

* Indicates Saturday or Sunday
Local standard time used

TABULATED THU., MAR. 16, 1967

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONCENTRATION IN PPM

FLAME IONIZATION ANALYSIS

CINCINNATI, OHIO

TOTAL HYDROCARBON
APRIL 1966

DAY OF MONTH	AM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	PM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN MAX
1	1.9	1.7	1.7	1.5	1.6	1.6	1.7	1.8	1.7	1.6	1.5	1.5	1.5	1.5	1.5	1.5	1.6	1.6	1.6	1.6	1.6	1.6	1.7	1.7	1.61	24	2.1
2*	1.6	1.7	1.8	1.7	1.7	1.7	1.6	1.6	1.5	1.5	1.5	1.5	1.5	1.6	1.5	1.5	1.5	1.6	1.7	2.2	2.9	3.6	4.2	4.3	1.97	24	7.0
3*	5.1	4.1	2.0	1.6	1.5	1.4	1.5	1.5	1.5	1.6	2.0	1.7	1.6	1.7	1.5	1.8	1.7	1.9	2.1	2.2	2.3	1.5	1.4	1.4	1.93	24	6.5
4	1.4	1.4	1.4	1.4	1.4	1.3	1.5	2.0	1.6	1.4	1.4		2.1	2.0	2.0	2.3	2.1	2.0	2.1	2.1	2.1	2.1	2.6	2.8	1.84	23	3.9
5	2.5	2.6	2.8	2.4	2.6	2.6	2.9	2.6	2.4	2.3	2.3	2.1	2.0	2.0	2.1	2.1	2.2	2.3	2.1	2.2	2.2	2.2	2.2	2.2	2.31	24	3.5
6	2.2	2.1	2.2	2.2	2.2	2.2	2.2	2.3	2.5	2.3	2.2	2.2	2.2	2.2	2.3	2.3	2.2	2.3	2.3	2.4	2.4	2.6	2.5	2.6	2.29	24	3.2
7	2.5	2.8	2.5	2.5	2.4	4.5	2.6	2.6	4.5	2.2	2.2	2.1	2.2	2.2	2.3	2.1	2.2	2.2	2.1	2.3	2.5	2.9	3.3	3.0	2.44	24	3.7
8	3.7	3.4	3.4	3.1	3.4	3.4	2.8	2.8	2.6	2.5	2.3	2.3	2.3	2.2	2.3	2.4	2.6	2.5	2.5	2.5	2.3	2.3	2.5	2.5	2.68	24	5.0
9*	2.3	2.3	2.2	2.1	2.1	2.2	2.3	2.5	2.4	2.5	2.3	2.4	2.3	2.4	2.3	2.2	2.1	2.3	2.4	2.6	2.3	2.6	3.0	2.9	2.37	24	3.6
10*	3.7	3.8	3.7	3.4	3.1	3.1	3.2	3.2	2.6	2.6	2.1	2.3	2.2	2.2	2.3	2.3	2.3	2.2	2.3	2.4	2.3	2.4	2.4	2.3	2.67	24	5.0
11	2.1	2.3	2.3	2.4	3.6	3.9	2.9	2.7	3.5	2.9	2.7	2.4	2.5	2.5	2.5	2.4	2.5	2.9	2.3	2.3	2.3	2.3	2.2	2.2	2.60	24	4.8
12	2.2	2.2	2.2	2.2	2.2	2.2	2.3	3.8	3.2	2.6	2.5	2.5	2.5	2.5	2.6	3.0	3.0	2.9	2.6	2.4	2.5	2.4	2.4	2.3	2.54	24	5.3
13	2.4	2.3	2.3	2.3	2.3	2.3	2.4	2.4	2.5	2.5	2.5	2.5	2.5	2.5	2.4	2.7	2.7	2.7	3.3	3.7	3.8	2.9	2.4	2.4	2.59	24	4.8
14	2.4	2.4	2.2	2.4	2.4	4.5	2.9	3.0	2.8	2.5	2.3	2.3	2.3	2.3	2.3	2.4	2.3	2.4	2.4	2.6	2.7	4.5	5.7	5.8	2.80	24	8.4
15	4.4	6.2	5.9	6.7	5.8	6.0	6.9	6.7	8.4	4.7	2.7	2.3	2.4	2.5	2.4	2.5	2.9	2.6	2.6	2.7	2.9	3.2	4.7	4.0	4.24	24	9.4
16*	4.5	4.9	6.2	5.6	4.2	4.0	4.3	4.5	5.1	4.3	2.6	2.7	2.5	2.6	2.4	2.4	2.5	2.5	2.6	2.7	3.1	3.0	3.6	3.5	3.58	24	7.6
17*	6.3	6.2	6.9	6.5	6.1	7.2	6.4	6.8	5.4	3.1	2.5	2.3	2.3	2.2	2.3	2.3	2.5	2.5	2.6	2.7	2.6	2.9	2.9	3.1	4.01	24	8.0
18	2.9	2.7	2.8	3.5	2.9	2.6	2.8	3.5	3.0	2.6	2.6	2.7	2.5	2.5	2.4	2.3	2.6	2.5	2.7	3.0	5.1	3.2	3.0	2.9	2.87	24	5.9
19	2.7	2.4	2.6	2.2	2.3	2.3	2.4	2.5	2.6	2.5	2.5	2.5	2.2	2.2			2.4	2.4	2.2	2.3	2.1	2.2	2.1	2.1	2.33	22	3.2
20	2.1	2.1	2.1	2.1	2.1	2.2	2.3	2.4	2.5	2.2	2.2	2.3	2.2	2.4	2.3	2.4	2.4	2.4							2.25	18	2.6
21																											
22	2.4	2.3	2.3	2.4	2.4	2.3	2.7	2.7	2.7	2.7	2.7	2.7	2.6	2.6	2.6	2.6	2.5	2.4	2.3	2.7	3.0	3.4	3.5	3.0	2.64	24	4.1
23*	2.8	3.4	3.3	3.0	2.8	2.8	3.2	3.0	2.8	2.7	2.4	2.7	2.4	2.6	2.3	2.4	2.5	2.5	2.5	2.7	3.5	2.9	2.8	3.0	2.78	24	5.7
24*	3.0	2.7	2.7	2.4	2.6	2.9	3.0	3.0	2.5	2.5	2.4	2.4	2.6	2.4	2.3	2.7	2.8	3.2	3.2	3.0	3.0	3.6	3.6	3.3	2.81	24	5.2
25	3.6	2.5	2.6	2.5	2.9	3.0	4.2	3.9	2.8	2.6	2.3	2.2	2.3	2.2	2.3	2.2	2.4	2.6	2.5	2.7	3.0	4.7	5.8	6.2	3.07	24	6.6
26	6.2	6.0	7.4	7.7	5.8	7.2	4.7	2.6	3.2	2.5	2.2	2.1	2.1	2.1	2.2	2.3	2.4	2.8	2.7	2.9	2.4	2.2	2.2	2.3	3.57	24	9.6
27	2.2	2.3	2.2	2.3	2.3	2.3	2.6	3.1	2.8	2.9	2.3			2.5	2.4										2.48	13	3.4
28																											
29										2.4	2.5	2.4	2.3	2.5	2.6	2.4	2.6	2.5	2.3	2.3	2.5	2.7	2.5	2.7	2.47	15	4.0
30*	2.6	2.6	2.5	2.5	2.5	4.6	3.0	2.9	3.1	3.0	3.4	3.7	2.6	2.5	2.7	2.6	2.8	2.4	2.6	2.9	2.6	2.7	3.0	2.5	2.74	24	5.4
MEAN	3.0	3.0	3.0	3.0	2.9	3.0	3.0	3.0	3.0	2.6	2.3	2.3	2.2	2.3	2.3	2.3	2.4	2.4	2.4	2.8	2.7	2.8	3.0	3.0	2.47		
NO	27	27	27	27	27	27	27	27	27	28	28	26	27	28	27	26	27	27	26	26	26	26	26	26		643	
MAX	6.3	6.2	7.4	7.7	6.1	7.2	6.9	6.8	8.4	4.7	3.4	3.7	2.6	2.6	2.7	3.0	3.0	3.2	3.3	3.7	5.1	4.7	5.8	6.2	4.24		9.6

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TABULATED THU., MAY 4, 1967

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONCENTRATION IN PPM
FLAME IONIZATION ANALYSIS

CINCINNATI, OHIO

TOTAL HYDROCARBON
MAY 1966

DAY OF MONTH	AM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	PM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5 MIN MAX
1*	2.4	2.2	2.2	2.4	2.3	2.1	2.2	2.2	2.2	2.3	2.3	2.3	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.1	2.1	2.1	2.20	24	2.8
2	2.2	2.3	2.3	2.3	2.2	2.2	2.3	2.3	2.2	2.1	2.1	2.2	2.1	2.2	2.3	2.2	2.2	2.4	2.2	2.3	3.0	3.9	3.6	5.1	2.50	24	6.3
3	5.9	6.2	4.4	4.1	3.2	3.5	3.4	3.4	2.5	4.2	2.2	2.2	2.2	3.2	3.5	2.2	2.3	2.4	2.3	2.4	2.5	2.4	2.4	2.3	3.14	24	8.1
4	2.2	2.3	2.4	2.3	2.4	3.3	3.3	2.9	2.4	2.2	2.1	2.0	2.1	2.1	2.0	2.1	2.1	2.2	2.2	2.3	2.4	3.0	3.3	3.7	2.47	24	4.6
5	2.9	2.6	3.1	2.9	3.9	3.5	3.4	3.6	3.3	2.5	2.4	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.2	2.4	2.7	2.8	2.9	2.7	2.75	24	5.8
6	2.6	2.6	2.5	2.3	2.3	2.3	2.3	2.4	2.3	2.3	2.3	2.2	2.2	2.2			2.3	2.2	2.3	2.4	2.5	2.6	2.8	2.8	2.37	22	3.3
7*	3.6	3.5	4.6	3.5	3.5	3.3	4.0	2.7	2.5	2.4	2.2	2.4	2.3	2.3	2.3	2.3	2.3	2.3	2.5	2.8	2.8	3.0	3.3	2.9	2.87	24	5.6
8*	3.2	2.8	2.3	2.5	3.3	3.7	3.4	2.7	2.4	2.3	2.2	2.1	2.1	2.1	2.2	2.1	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.39	24	4.5
9	2.0	2.0	2.0	2.0	1.9	2.0	2.1	2.2	2.3	2.2	2.2	2.1	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.3	2.2	2.2	2.12	24	2.7
10	2.2	2.2	2.3	2.3	2.5	3.9	3.8	3.0	2.6	2.3	2.1	2.1	2.1	2.1	2.1	2.2		2.4	2.2	2.3	2.3	2.3	2.4	2.3	2.42	23	4.6
11	2.2	2.1	2.1	2.1	2.1	2.3	2.3	2.3	2.5	2.4	2.4	2.4	2.4	2.4	2.5	2.7	2.8	2.8	2.8	2.5	2.7	3.0	2.7	2.9	2.46	24	3.9
12	2.8	2.7	2.4	2.8	3.4	2.6	2.3	2.3	2.3	2.2	2.2	2.2	2.3	2.4	2.5	2.4	2.4	2.4	2.5	2.7	2.4	2.5	2.6	2.6	2.47	24	5.9
13	2.9	2.4	2.4	2.4	2.4	2.3	2.4	2.5	2.6	2.5	2.6	2.6	2.5	2.5	2.4	2.6	2.7	3.2	3.2	2.9	2.8	2.8	2.6	2.7	2.61	24	4.5
14*	2.8	2.9	2.7	2.7	2.7	2.6	2.5	2.5	2.5	2.4	2.5	2.5	2.3	2.3	2.3	2.3	2.3	2.5	2.3	2.8	3.2	3.6	3.7	3.6	2.68	24	4.6
15*	3.2	3.7	3.7	4.0	5.2	5.3	4.7	4.4	3.6	2.9	2.2	2.2	2.1	2.1	2.2	2.2	2.4	2.3	2.4	2.4	2.5	2.7	2.8	2.6	3.06	24	6.7
16	2.4	2.4	2.7	2.5	2.6	2.6	3.1	3.2	2.8	2.4	2.3	2.3	2.3	2.3		2.3	2.5	2.4	2.4	2.8	3.4	3.5	4.0	4.9	2.77	23	7.4
17	3.8	4.4	4.0	4.0	5.5	5.0	4.3	3.9	2.9	2.5	2.3	2.3	2.3	2.3	2.3	2.4	2.7	2.7	2.4	2.5	2.5	2.7	2.9	3.2	3.15	24	6.5
18	4.3	3.2	2.8	2.7	2.5	2.5	2.7	3.3	3.3	3.2	3.3	2.8	2.8	2.4	2.5	2.6	2.7	2.8	2.5	2.7	2.5	4.1	5.1	4.8	3.07	24	6.9
19	4.7	4.2	3.2	3.1	3.0	3.1	3.2	3.5	2.8	2.3	2.6	3.2	2.3	2.3	2.3	2.3	2.4	2.4	2.3						2.89	19	6.2
20									2.7	2.3	2.3	2.3	2.3	2.3	2.3	2.4	2.5	2.7	3.3	3.7	5.0	4.3	3.6		2.90	16	5.5
21*	4.6	5.4	4.2	3.4	3.7	3.0	3.8	2.8	2.9	2.6	2.7	2.5	2.6	2.8	2.9	2.6	2.6	2.8	2.8	2.6	2.7	2.7	2.9	3.5	3.11	24	6.5
22*	3.2	3.2	3.0	2.5	2.4	2.4	2.3	2.4	2.3	2.3	2.3	2.3	2.3	2.3	2.2	2.3	2.3	2.3	2.3	2.7	2.9	2.8	2.7	2.6	2.51	24	4.2
23	2.7	2.8	4.9	5.0	6.7	7.4	7.3	4.1	3.4	3.0	3.0	2.6	2.4	2.4	2.5	2.4	2.4	2.4	2.4	2.5	2.9	3.2	3.4	3.5	3.55	24	8.6
24	3.1	2.5	2.6	2.5	2.4	2.4	2.6	2.8	2.5	2.4	2.4	2.4	2.4	2.3	2.4	2.3	2.5	2.3	2.3	2.4	2.5	2.4	2.7	2.8	2.47	24	3.5
25	2.5	2.4	2.3	2.3	2.3	2.5	2.6	2.7	2.5	2.4	2.3		2.2	2.2	2.2	2.3	2.3	2.3	2.3	2.5	2.8	3.4	4.6	5.3	2.65	23	6.0
26	4.8	4.7	4.3	4.4	4.9	4.5	5.3	6.3	6.9	5.2	2.9	2.4	2.3	2.3	2.3	2.4	2.4	2.5	2.4	2.8	4.3	5.0	5.3	6.2	4.01	24	7.3
27	5.0	5.6	6.0	4.7	5.4	5.2	5.6	6.4	4.0	3.1	2.5	2.4	2.4	2.3	2.4	2.3	2.5	2.7	2.8	3.2	3.7	4.7	6.6	6.7	4.08	24	8.2
28*	5.8	5.8	4.7	3.3	3.2	3.1	2.8	2.7	2.4	2.5	2.5	2.5	2.4	2.4	2.4	2.4	2.6	2.5	2.6	2.5	2.7	2.8	2.5	2.5	2.97	24	7.3
29*	2.3	2.3	2.5	2.3	2.3	2.3	2.2	2.3	2.2	2.2	2.2	2.2	2.2	2.2	2.1	2.2	2.2	2.2	2.3	2.2	2.3	2.3	2.7	3.5	2.30	24	4.2
30	2.5	2.6	2.5	2.6	2.8	2.8	2.8	2.3	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.1	2.3	2.3	2.3	2.3	2.5	3.7	4.2	2.49	24	4.7
31	3.8	2.8	2.8	2.7	2.7	2.7	2.5	2.7	2.6	2.3	2.2	2.3	2.2	2.2	2.3	2.3	2.3	2.3	2.3	2.3	2.6	3.5	3.5	3.7	2.64	24	5.0
MEAN	3.3	3.2	3.1	2.9	3.2	3.2	3.2	3.1	2.8	2.6	2.4	2.3	2.3	2.3	2.4	2.3	2.4	2.4	2.4	2.5	2.7	3.0	3.3	3.4	2.78		
NO	30	30	30	30	30	30	30	30	31	31	31	30	31	31	29	30	30	31	31	30	30	30	30	30		726	
MAX	5.9	6.2	6.0	5.0	6.7	7.4	7.3	6.4	6.9	5.2	3.3	3.2	2.8	3.2	3.5	2.7	2.8	3.2	3.2	3.3	4.3	5.0	6.6	6.7	4.08		8.6

* Indicates Saturday or Sunday
Local standard time used

TABULATED THU., MAR. 16, 1967

CONTINUOUS AIR MONITORING PROGRAM

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

CINCINNATI, OHIO

CONCENTRATION IN PPM
FLAME IONIZATION ANALYSIS

TOTAL HYDROCARBON
JUNE 1966

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN MAX
1	3.6		3.2	2.6	3.0	3.1	3.3	3.1	2.7	2.7	2.4	2.3	2.3	2.3	2.4	2.4	2.3	2.4	2.5	2.4	2.7	3.0	2.9	2.6	2.69	23	4.4
2	2.8	4.2	4.3	5.0	5.3	4.7	5.0	5.7	3.3	2.8	2.6	2.5	2.5	2.5	2.5	2.5	2.6	2.6	2.6	2.8	3.5	4.0	4.3	3.9	3.50	24	6.6
3	5.6	5.0	5.0	4.9	5.4	5.2	5.5	4.4	4.5	4.0		2.8	2.7	2.7	2.7	2.7	3.0	3.0	3.0	3.1	3.1	4.2	3.6	3.6	3.89	23	6.9
4*	3.4	4.3	4.1	3.5	3.0	3.0	3.1	3.2	2.8	2.7	2.7	2.8	2.7	2.7	2.7	2.7	2.7	2.7	3.0	3.0	2.8	3.0	3.9	3.8	3.07	24	4.8
5*	3.4	2.9	3.0	2.9	2.4	2.7	2.7	2.6	2.5	2.5	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.5	2.7	2.6	2.5	2.6	2.59	24	4.0
6	2.9	2.6	2.4	2.6	2.5	2.4	2.6	2.5	2.5	2.4	2.4	2.4	2.4	2.4	2.6	2.6	2.7	2.7	2.9	3.4	3.2	2.9	2.9	3.0	2.65	24	4.4
7	2.9	2.8	2.4	2.6	2.9	2.8	2.9	2.8	2.7	2.6	2.7	2.5	2.6	2.5	2.5	2.5	2.5	2.6	2.6	2.7	4.3	4.3	4.6	3.8	2.93	24	5.9
8	3.4	3.3	4.3	3.2	3.2	2.9	3.0	2.8	2.9	2.5	2.5	2.5	2.5	2.4	2.4	2.5	2.5	2.5	2.5	2.8	3.2	4.4	4.2	2.8	2.97	24	5.8
9	2.6	2.3	2.2	2.5	2.4	2.1	2.2	2.4	2.4	2.2					2.4	2.3	2.3	2.4	2.3	2.4	2.4	2.3	2.5	2.4	2.33	20	3.0
10	2.2	1.8	1.7	1.8	1.8	1.7	2.0	2.3	2.4	2.5	2.5	2.7	2.7	2.6	2.7	2.7	2.7	2.7	2.8	2.9	3.1	3.1	3.0	3.0	2.46	24	3.2
11*	2.9			2.8	2.7	2.7	2.6	2.6	2.5	2.5	2.5	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.8	3.3	4.5	5.1	6.1	2.93	22	6.7
12*	5.3	5.8	5.6	5.2	5.2	5.3	4.5	3.9	3.1	2.7	2.5	2.5	2.4	2.4	2.4	2.5	2.5	2.6	2.8	3.1	4.1	5.1	4.2	3.8	3.72	24	6.6
13	4.2	4.4	4.7	4.7	5.1	4.0	3.5	3.8	3.4	2.8	2.6	2.8	2.4	2.4	2.4	2.4	2.6	2.6	2.4	2.6	2.2	2.2	2.3	2.4	3.11	24	5.7
14	2.6	2.3	2.3	2.2	2.1	2.3	2.4	2.4	2.2	2.2	2.2	2.4	2.3	2.2	2.2	2.3	2.4	2.3	2.3	2.4	2.7	2.6	2.5	2.4	2.33	24	3.2
15	2.6	2.6	2.6	2.8	2.8	2.8	2.7	2.7	3.0	2.3	2.2		2.0	2.0	2.1	2.1	2.3	2.3	2.2	2.3	2.6	2.3	2.1	2.1	2.39	23	3.3
16	2.1	2.1	2.1	2.0	2.1	2.3	2.2	2.4	2.3	2.3	2.2	2.2	2.3	2.2	2.2	2.1	2.1	2.1	2.2	2.2	2.3	2.5	2.3	2.3	2.20	24	2.7
17	2.2	2.3	2.4	2.3	2.3	2.4	2.5	2.4	2.2	2.1	2.0		2.0	1.9	2.0	2.0	2.1	2.1	2.0	2.1	2.7	3.8	4.5	5.2	2.49	23	6.1
18*	3.9	4.0	4.1	4.4	4.4	4.3	4.7	4.7	4.0	3.2	2.5	1.9	1.9	1.8	1.7	1.9	1.9	2.0	2.0	2.3	2.5	2.6	2.6	4.1	3.04	24	5.1
19*	3.9	4.2	3.8	4.0	3.8	4.4	3.9	3.7	3.1	2.6	1.9	1.9	2.0	1.9	1.9	1.7	1.7	1.7	1.8	2.2	2.6	3.3	3.8	3.9	2.90	24	4.8
20	4.1	4.1	4.3	4.2	4.1	4.4	4.2	4.1	3.4	2.9	2.0	1.9	1.9	2.0	1.9	1.9	1.9	2.0	1.9	2.0	3.0	3.2	3.2	4.0	3.01	24	5.0
21	4.1	4.0	3.6	3.6	3.6	3.6	4.5	4.9	4.7	3.5	2.1	1.9	1.9	1.9	1.9	2.0	2.2	2.2	2.2	4.5	3.0	3.0	3.1	3.3	3.03	24	5.6
22	3.4	3.9	4.5	3.8	3.8	3.9	4.8	4.7	5.8	3.7	2.6	2.3	1.9	1.9	1.8	1.8	1.9	1.9	1.9	1.9	3.0	3.6	4.0	4.3	3.19	24	6.1
23	4.6	4.9	4.8	5.0	4.7	5.1	5.5	6.4	5.4	3.1	2.3	2.1	2.1	2.3	2.1	2.1	2.1	2.2	2.4	2.7	3.8	3.7	4.0	3.6	3.61	24	7.6
24	3.2	2.9	3.1	4.1	3.9	4.0	4.2	4.1	4.3	2.4	2.1	2.1	2.3	2.3	2.2	2.1	2.2	2.3	2.2	2.4	4.0	4.2	4.7	4.3	3.13	24	5.2
25*	4.2	4.0	4.5	4.8	4.1	4.3	4.6	4.8	5.7	5.4	2.6	2.4	2.3	2.2	2.1	2.1	2.2	2.2	2.1	2.2	3.6	4.1	4.2	4.3	3.53	24	6.3
26*	3.9	3.4	3.9	3.5	3.6	3.8	4.5	3.7	3.3	2.9	2.0	2.1	2.1	1.9	1.9	2.0	2.0	2.2	2.4	2.6	3.6	4.1	4.3	4.6	3.09	24	5.3
27	4.5	3.8	4.2	4.2	4.5	3.9	4.2	3.8	4.5	3.0	2.3	2.2	2.1	2.1	2.3	2.1	2.1	2.3	2.4	2.2	2.2	2.4	2.6	2.5	3.00	24	5.5
28	2.4	2.6	2.5	2.8	3.0	3.0	3.1	3.2	2.7	2.2	2.1	2.2	2.2	2.2	2.2	2.1	2.2	2.3	2.4	2.4	2.3	2.2	2.3	2.3	2.44	24	3.4
29	2.3	2.3	2.5	2.5	2.6	2.5	2.5	2.8	3.0	2.5	2.3	2.3	2.2	2.2	2.2	2.3	3.2	3.2	2.7	2.3	3.2	5.5	6.0	4.7	2.89	24	6.8
30	4.6	5.5	5.7	5.2	5.4	4.6	4.5	3.4	2.8	2.6	2.3	2.2	2.1	2.2	2.2		2.1	2.1	2.0	2.2		3.7	5.7	6.4	3.60	22	6.7
MEAN	3.4	3.5	3.6	3.5	3.5	3.5	3.6	3.5	3.3	2.8	2.3	2.3	2.3	2.2	2.2	2.2	2.3	2.4	2.4	2.5	3.0	3.4	3.6	3.6	2.96		
NO	30	28	29	30	30	30	30	30	30	30	28	27	29	29	30	29	30	30	30	30	29	30	30	30		708	
MAX	5.6	5.8	5.7	5.2	5.4	5.3	5.5	6.4	5.8	5.4	2.7	2.8	2.7	2.7	2.7	2.7	3.2	3.2	3.0	3.4	4.3	5.5	6.0	6.4	3.89		7.6

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TABULATED THU., MAR. 16, 1967

A-61

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONCENTRATION IN PPM
FLAME IONIZATION ANALYSIS

CINCINNATI, OHIO

TOTAL HYDROCARBON
JULY 1966

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS	5 MIN. MAX
1	3.8	3.4	2.2	2.1	3.4	4.1	3.0	3.5	2.9	3.0	2.2	2.0	2.0	2.0	2.0	1.9	2.0	2.1	2.1	2.1	2.4	2.5	2.7	2.7	2.58	24	5.3
2*	6.8	6.4	6.1	5.7	5.0	5.7	5.7	2.7	2.2	2.3	2.1	1.9	1.9	1.8	1.7	1.7	1.8	1.9	2.1	2.1	2.2	2.4	3.4	4.8	3.34	24	7.1
3*	4.6	5.1	4.5	4.6	4.4	4.0	3.9	3.3	2.4	2.2	2.0	1.9	2.0	1.9	1.9	1.8	1.8	1.9	2.0	2.1	2.2	2.1	2.0	2.0	2.76	24	5.5
4	2.0	2.1	2.2	1.9	2.0	2.1	2.0	1.9			1.7	1.8	1.7	1.8	1.6	1.5	1.6	1.7	1.7	1.6	1.6	1.8	1.8	1.6	1.78	22	2.3
5	1.7	1.8	1.9	1.9	1.9	1.8	1.8	1.9	1.9	1.7	1.6	1.6	1.6	1.6	1.6	1.7	1.7	1.8	1.6	1.9	2.2	1.9	1.9	2.0	1.86	24	4.4
6	2.0	2.2	2.1	1.9	1.8	1.7	1.7	1.9		2.3	2.3	2.2	1.9	1.9	1.7	2.1	1.8	1.9	1.9	1.7	1.7	1.7	1.5	1.5	1.87	23	2.5
7	1.5	1.6	1.7	1.8	1.8	1.8	1.8	1.9	1.9	1.8	1.8	1.7	1.6	1.6	1.5	1.8	1.7	1.6	1.6	1.6	1.9	2.1	2.2	2.3	1.76	24	2.6
8	2.7	2.6	2.3	2.3	2.8	2.7	3.0	3.9	2.6	2.0	1.8	1.8	1.7	1.8	2.3	2.2	2.0	1.9	1.9	2.3	3.1	3.4	4.2	4.2	2.55	24	4.9
9*	3.0	2.5	2.7	2.6	3.3	3.0	2.6	2.3	2.5	2.2		1.6	1.7	1.6	1.6	1.7	1.7	1.7	1.8	1.8	1.5	1.7	1.8	2.0	2.13	23	4.2
10*	2.0	1.9	1.8	1.7	2.3	2.7	2.2	1.8	1.7	1.7	1.4	1.6	1.5	1.5	1.5	1.5	1.6	1.5	1.7	1.6	1.4	1.4	1.8	1.7	1.75	24	3.2
11	1.7	1.6	1.7	1.7	1.7	1.8	2.0	1.7	1.8	1.9	2.0	1.9	1.7	1.9	2.0	1.8	1.7	1.7	1.7	1.7	1.7	1.8	1.9	1.8	1.77	24	2.1
12	1.8	1.9	2.0	1.8	1.8	2.0	2.0	2.2	2.1	1.9	1.8	1.8	1.7	1.7	1.7	1.8	2.0	1.9	1.9	1.9	2.0	2.0	1.9	1.6	1.87	24	2.4
13	1.9	1.8	1.7	1.7	1.9	2.2	3.0	3.8	3.2	2.4	2.0	1.9	1.9	1.9	1.8	1.9	1.9	2.1	2.4	2.3	2.2	2.2	2.9	3.0	2.23	24	4.5
14	3.0	3.1	3.7	4.5	4.6	4.3	3.5	3.1	2.4	2.1	2.1	2.0	2.1	2.4	2.6	2.9	2.6	2.3	2.5	2.4	2.2	2.0	2.1	2.2	2.76	24	5.6
15	2.1	2.3	2.6	2.4	2.1	2.0	2.1	2.1	2.0	1.9	1.8	1.8	1.7	1.7		1.8	1.8	1.8	1.8	1.9	1.9	1.9	1.9	1.8	1.95	23	2.8
16*	1.9	1.9	2.0	1.9	2.0	2.1	2.1	2.0	2.1	2.4	2.2	2.0	1.9	1.8	1.8	1.7	1.8	1.8	1.8	1.8	2.0	2.1	2.1	3.7	2.02	24	4.3
17*	4.3	3.8	4.8	4.5	3.6	2.3	2.4	2.3	2.4	2.4	2.0	1.8	1.7	1.7	1.7	1.8	1.9	2.0	2.1	2.1	2.1	3.7	4.4	5.1	2.78	24	5.6
18	5.1	4.8	4.0	2.7	3.1	2.9	2.8	2.7	2.9	2.2	2.1	2.0	1.9	2.1	2.0	2.1		2.2	2.3	2.5	2.7	2.6	2.3	2.3	2.71	23	5.4
19	2.3	2.2	2.1	2.0	2.0	2.0	2.3	2.3	2.2	2.1	2.0	2.0	2.1	2.0	2.0	2.1	2.1	2.1	2.0	2.0	2.1	2.3	2.4	2.4	2.10	24	2.6
20	2.1	2.1	2.1	2.0	1.9	2.0	2.0	2.1	2.1	2.1		2.2	2.2	2.3	2.2	3.9	2.9	2.3	2.1	2.2	2.3	2.2	2.2	2.2	2.24	23	4.8
21	2.2	2.3	2.2	2.3	2.4	3.1	3.0	2.6	2.4	2.2		2.1	2.1	2.1		2.2	2.1	2.1	2.1	2.2	2.5	2.6	2.5	2.4	2.34	22	3.4
22	2.3	2.3	2.9	4.2	4.8	4.3	4.8	3.8	2.5			3.8	2.7	2.9	3.2	2.9	2.5	2.2	2.2	2.3	2.4	2.3	2.4	2.7	3.00	22	5.6
23*	2.7	2.8	3.0	2.8	2.8							2.5	2.7	2.8	2.3	2.3	2.8	3.0	2.9	2.9	2.5	3.9	3.1	2.8	2.75	18	3.5
24*	2.6	2.7	2.5	2.6	2.4	2.4	2.5	2.9	3.0	2.7	2.9	2.7	2.5	2.1	2.1	2.1	2.3	2.4	2.4	2.4	2.7	4.5	5.4	6.0	2.85	24	6.3
25	5.0	4.8	3.9	4.8	4.8	4.8	5.2	4.6	4.1	2.7	2.5		2.3	2.2	2.2		2.3	2.3	2.4	2.6	2.5	3.7	4.4	4.5	3.56	22	5.6
26	5.1	4.7	5.1	6.3	5.7	4.7	5.5	5.8	4.1	3.1		2.3	2.2	2.1		2.2	2.2	2.2	2.1	2.1	2.2	2.3	2.7	3.5	3.55	22	6.7
27																											
28																											
29																											
30*																											
31*																											
MEAN	2.9	2.9	2.8	2.9	2.9	2.9	2.9	2.8	2.5	2.2	2.0	2.0	2.0	1.9	2.0	2.0	2.0	2.0	2.0	2.1	2.2	2.5	2.6	2.8	2.41		
NO	26	26	26	26	26	25	25	25	23	23	20	25	26	26	23	25	25	26	26	26	26	26	26	26		603	
MAX	6.8	6.4	6.1	6.3	5.7	5.7	5.7	5.8	4.1	3.1	2.9	3.8	2.7	2.9	3.2	3.9	2.9	3.0	2.9	2.9	3.1	4.5	5.4	6.0	3.56		7.1

* Indicates Saturday or Sunday
Local standard time used

TABULATED THU., MAR. 16, 1967

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONCENTRATION IN PPM
FLAME IONIZATION ANALYSIS

CINCINNATI, OHIO

TOTAL HYDROCARBON
AUG. 1966

DAY OF MONTH	AM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	PM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN MAX
1																											
2																											
3																											
4		3.5	3.5	3.4	3.1	3.2	3.4	3.3	2.9	2.7	2.4	2.2	1.9	1.9	1.8	1.8	7.1	5.9	5.3	4.6	4.3	4.2	4.9	5.3	3.58	23	8.8
5	5.5	5.2	5.0	4.5	4.3	4.3	4.9	5.4	4.8	3.4	2.1	2.1	2.3	2.3	2.2	2.2	2.3	2.4	2.3	2.5	2.9	3.6	4.2	4.0	3.51	24	5.8
6*	4.2	4.6	4.5	4.5	4.6	5.1	4.8	6.6	6.5	6.6	5.1	3.5	2.7	2.4	2.3	2.2	2.2	2.1	2.2	2.3	2.6	3.3	4.5	4.1	3.88	24	7.8
7*	3.6	3.4	3.9	4.3	3.8	3.1	2.8	2.6	2.5	2.3	2.2	2.1	2.1	2.1	2.1	2.0	2.0	2.1	2.1	2.1	2.2	2.2	2.2	2.3	2.57	24	4.7
8	2.2	2.3	2.3	2.4	2.4	2.4	2.5	2.7	2.8	2.6	2.5	2.4	2.3	2.5	2.4	2.5	2.4	2.4	2.4	2.6	3.0	3.1	2.7	2.6	2.51	24	3.3
9	2.6	2.7	2.7	2.9	2.8	3.1	3.3	3.6	3.4	3.2	2.8				2.9	3.1	2.9	2.9	2.9	3.2	3.5	3.8	4.1	4.3	3.16	21	4.4
10	4.2	4.4	4.2	4.2	4.0	3.8	3.9	4.0	3.8	2.7	2.7	2.7	2.6	2.4		2.8	2.6	2.5	2.5	2.5	2.6	2.7	2.8	2.8	3.17	23	4.4
11	2.8	2.7	2.7	2.7	2.7	2.7	2.7	2.9	3.0	2.9	2.8	2.8	2.6	2.6	2.5		2.5	2.4	2.3	2.3	2.5	2.9	3.8	3.8	2.76	23	4.0
12	4.1	3.9	3.6	3.8	3.8	3.9	3.9	4.0	3.7	3.3	2.5	2.1	2.1	2.2	2.1	2.1	2.1	2.1	2.3	2.3	2.6	3.0	4.4	4.4	3.08	24	4.7
13*	3.6	3.1	2.9	2.7	2.6	2.5	2.3	2.3	2.5	2.3	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.2	2.2	2.2	2.3	2.3	2.3	2.3	2.37	24	3.8
14*	2.3	2.4	2.4	2.5	2.3	2.3	2.2	2.2	2.3	2.3	2.2	2.2	2.3	2.2	2.1	2.1	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.3	2.23	24	2.6
15	2.2	2.2	2.2	2.1	2.2	2.2	2.3	2.4	2.5	2.4	2.5	2.4	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9	2.0	1.9	2.14	24	2.7
16	1.9	1.9	1.9	1.9	1.8	1.9	1.9	2.1	2.3	2.3			2.4	2.3	2.3	2.2	2.5	2.3	2.2	4.4	3.0	3.3	3.0	3.0	2.29	22	3.5
17	3.0	3.9	4.3	4.0	4.1	4.7	4.6	5.0	4.9	2.8	2.2	2.1	2.1	2.2	2.2	2.3	2.4	2.5	2.4	3.0	4.2	4.4	5.1	5.5	3.48	24	5.9
18	4.8	4.5	4.5	5.3	4.6	3.8	4.1	3.5	3.5	3.1	2.4	2.1	2.1	2.1	2.1	2.3	2.2	2.2	2.2	2.3	2.4	2.6	3.6	4.4	3.19	24	5.8
19	4.3	4.4	4.5	4.7	4.6	4.7	4.3	7.1	6.8	4.4	3.2	2.3	1.9	1.9	1.9	1.9	1.9	2.0	2.0	2.3	2.4	2.1	2.1	2.1	3.31	24	8.1
20*	2.1	2.2	2.1	2.1	2.0	2.0	2.1	2.1	2.3	2.2	2.2	2.1	1.9	1.8	1.8	1.8	1.7	1.8	1.8	2.1	2.0	2.0	2.0	2.1	2.00	24	2.6
21*	2.1	2.1	2.0	2.0	2.0	2.0	2.0	2.0	2.1	2.0	2.0	2.0	1.9	1.8	1.8	1.8	1.7	1.8	1.9	1.8	2.0	2.1	2.3	2.2	1.96	24	2.9
22	2.4	2.3	2.0	1.9	2.0	2.1	2.2	2.2	2.5	2.1	2.0	2.1	2.0	1.9	2.1	2.1	2.0	1.9	1.8	1.9	2.0	2.4	3.1	3.0	2.15	24	4.0
23	2.3	2.1	2.1	2.1	1.9	1.9	1.9	2.3	2.2			2.1	2.3	2.4	2.0	2.0	1.9	1.9	1.9	2.0	2.2	2.1	2.1	2.1	2.06	22	3.2
24	2.2	2.5	2.8	2.5	2.7	2.9	2.7	3.0	2.6	3.0	2.0	2.2	2.0	1.9	1.9	2.0	2.0	2.2	2.0	4.5	3.1	3.2	3.2	4.0	2.53	24	5.3
25	4.7	4.5	4.8	4.4	3.9	3.4	3.8	3.9	3.7	3.8	4.1	2.6	2.2	2.2	2.1	2.0	2.0	1.9	2.0	2.4	2.7	3.0	3.4	3.7	3.21	24	6.2
26	3.5	3.4	3.4	3.3	3.5	3.4	3.8	4.1	4.0	3.3	2.4	2.0	1.9	1.9	1.9	2.0	2.0	2.0	2.2	2.6	3.2	3.3	4.0	4.9	3.00	24	5.0
27*	4.7	4.8	4.2	4.4	4.8	3.9	3.9	3.4	2.9	2.8	2.2	2.1	2.0	2.0	2.0	2.0	2.0	2.0	2.2	3.0	3.2	3.8	4.3	4.9	3.22	24	5.2
28*	5.0	4.9	5.2	4.5	3.9	3.6	3.4	3.4	3.2	2.9	2.5	2.3	2.0	2.0	1.7	1.9	1.9	1.8	1.9	2.2	2.7	3.8	4.0	4.1	3.11	24	5.6
29	4.8	4.5	4.4	4.8	4.4	4.3	4.9	5.1	4.8	3.8	2.6	2.1	2.1	2.0	1.9	2.1	1.9	2.1	2.2	2.6	3.9	4.9	5.3	6.0	3.62	24	7.3
30	6.3	5.6	5.6	6.0	5.9	6.2	5.8	6.6	5.4	5.7	4.7	3.9	3.3	2.5	2.1		2.5	2.3	2.4	3.0	3.8	3.0	2.9	3.4	4.29	23	7.4
31	4.1	4.3	4.7	4.6	4.5	4.2	4.8	5.3	6.4	6.0	4.2	2.9	2.7	2.5	2.7	2.8	2.7	3.4	3.8	4.0	5.3	6.3	6.1	6.0	4.33	24	7.2
MEAN	3.5	3.5	3.5	3.5	3.4	3.3	3.4	3.7	3.6	3.2	2.7	2.4	2.2	2.1	2.1	2.1	2.3	2.3	2.3	2.5	2.9	3.1	3.5	3.6	2.95		
NO	27	28	28	28	28	28	28	28	28	27	26	26	27	27	27	26	28	28	28	28	28	28	28	28		661	
MAX	6.3	5.6	5.6	6.0	5.9	6.2	5.8	7.1	6.8	6.6	5.1	3.9	3.3	2.6	2.9	3.1	7.1	5.9	5.3	4.6	5.3	6.3	6.1	6.0	4.33		8.8

* Indicates Saturday or Sunday
Local standard time used

TABULATED THU., MAR. 16, 1967

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CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONCENTRATION IN PPM
FLAME IONIZATION ANALYSIS

CINCINNATI, OHIO

TOTAL HYDROCARBON
SEPT. 1966

DAY OF MONTH	AM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	PM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN MAX
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MEAN																									0.00		.0
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MAX																											

* Indicates Saturday or Sunday
Local standard time used

TABULATED THU., MAR. 16, 1967

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONCENTRATION IN PPM
FLAME IONIZATION ANALYSIS

CINCINNATI, OHIO

TOTAL HYDROCARBON
OCT. 1966

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS	5-MIN MAX
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* Indicates Saturday or Sunday
Local standard time used

TABULATED THU., MAR. 16, 1967

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CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONCENTRATION IN PPM
FLAME IONIZATION ANALYSIS

CINCINNATI, OHIO

TOTAL HYDROCARBON
NOV. 1966

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN MAX
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NO																											
MAX																											

* Indicates Saturday or Sunday
Local standard time used

TABULATED THU., MAR. 16, 1967

CONTINUOUS AIR MONITORING PROGRAM

HOURLY AVERAGES OF
GASEOUS POLLUTANT CONCENTRATIONS

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

CINCINNATI, OHIO

CONCENTRATION IN PPM
FLAME IONIZATION ANALYSIS

TOTAL HYDROCARBON
DEC. 1966

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN MAX
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31*																											
MEAN																									0.00		.0
NO																											
MAX																											

* Indicates Saturday or Sunday
Local standard time used

TABULATED THU., MAR. 16, 1967

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CONTINUOUS AIR MONITORING PROGRAM

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

CINCINNATI, OHIO

CONCENTRATION IN PPM
POTASSIUM IODIDE ANALYSIS

TOTAL OXIDANT
JAN. 1966

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN MAX
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2*																											
3																											
4	.04		.03	.03	.03	.04	.04	.07	.10	.08		.02	.02	.03	.02	.02	.01	.01	.02	.03	.10	.09	.08	.08	.044	22	.12
5	.07		.06	.04	.03	.02	.03	.04	.04	.04	.03	.04		.04	.04	.04	.05	.05	.03	.03	.03	.03	.03	.03	.038	22	.08
6	.02		.03	.03	.02	.02	.02	.03	.03	.03	.03	.03	.03	.03			.02	.02	.02	.02	.02	.02	.02	.02	.024	21	.04
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17																											
18	.01	.01		.01	.01	.01	.01	.01	.01	.01	.01	.02	.02	.02	.01	.01	.02	.01	.01	.01	.01	.01	.01	.01	.011	23	.02
19	.01	.00		.00	.00	.00	.00	.00	.00	.00	.00	.01	.02	.02	.02	.02	.02	.02	.01	.01	.02	.03	.03	.03	.011	23	.05
20																											
21																											
22*	.01	.01		.01	.01	.01	.00	.00	.00	.01	.01	.01	.01	.03	.03	.03	.03	.03	.03	.02	.02	.02	.02	.02	.015	23	.05
23*	.02	.02		.02	.02	.03	.03	.02	.02	.03	.04	.04	.05	.05	.06	.05	.04	.04	.03	.03	.02	.02	.02	.01	.030	23	.06
24	.00	.01		.02	.02	.01	.00	.01	.01	.02	.02	.01	.01	.01	.01	.02	.02	.02	.02	.02	.02	.02	.02	.02	.015	23	.03
25	.01	.02		.01	.01	.01	.01	.01	.01	.01	.02	.02	.02	.03	.02				.02				.02	.02	.015	17	.03
26																											
27											.03	.03	.03	.04	.04	.04	.03	.02	.01	.01	.01	.01	.01	.01	.022	14	.04
28	.01	.02		.01	.02	.02	.01	.01		.01	.01	.01		.03	.03	.03	.02	.02	.01	.01	.01	.01	.02	.01	.015	21	.04
29*	.01	.01		.01	.01						.01	.01	.01	.02	.02	.03	.03	.02	.01	.01	.01	.01	.01	.02	.013	18	.03
30*	.02	.01		.02	.01	.01	.01	.01	.01	.00	.00	.01	.02	.02		.02	.02	.02	.02	.02	.02	.02	.01	.00	.013	22	.03
31	.00	.00		.01	.01	.00			.00	.00	.01	.01	.03	.01	.02	.01	.02	.01	.01	.02	.02	.02	.02	.02	.011	21	.03
MEAN	13	10	3	13	13	12	11	11	11	13	14	15	13	15	12	13	14	14	15	14	14	14	15	15		307	
NO	.07	.02	.06	.04	.03	.04	.04	.07	.10	.08	.04	.04	.05	.05	.06	.05	.05	.05	.03	.03	.10	.09	.08	.08	.044		.12
MAX																											

* Indicates Saturday or Sunday
Local standard time used

TABULATED THU., MAR. 16, 1967

CONTINUOUS AIR MONITORING PROGRAM

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

CINCINNATI, OHIO

CONCENTRATION IN PPM
POTASSIUM IODIDE ANALYSIS

TOTAL OXIDANT
FEB. 1966

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS.	5-MIN MAX
1										.03	.04	.04	.04	.04			.03	.02	.02	.02	.02	.02	.02	.02	.026	13	.04
2	.02	.02		.02	.02	.02	.02	.02	.02	.03	.03	.04	.04	.05	.05	.05	.04	.03	.03	.02	.02	.02	.02	.02	.028	23	.06
3	.02	.03		.03	.03	.03	.03	.03	.03					.02	.03	.02	.02	.01	.02	.02	.02	.01	.01	.01	.022	19	.04
4	.01	.01		.01	.01	.03	.02	.02	.01								.01	.02	.01	.01	.01	.01	.02	.01	.013	16	.03
5*	.02	.01		.01	.01	.01	.01	.01	.01	.01	.00	.00	.01	.01	.01	.01	.01	.02	.02	.02	.01	.01	.01	.01	.011	23	.03
6*	.01	.01			.01	.01	.01					.01	.01	.01	.01	.01	.01	.02	.02	.02	.02	.02	.02	.02	.014	18	.02
7	.02	.02			.02					.02	.02	.02	.02	.03	.03	.03	.02	.03	.03	.03	.03	.03	.02	.02	.024	18	.06
8	.02	.02		.01	.01	.01	.02	.01									.03	.02	.03	.03	.03	.02	.02	.02	.020	15	.04
9	.02	.02		.02	.02	.02	.02	.02		.02	.03	.03	.04	.04	.04	.04	.04	.04	.03	.03	.03	.03	.04	.04	.030	22	.05
10	.04	.04		.03	.04	.03	.03	.03	.03	.02	.02	.02	.03	.03	.02	.03	.04	.04	.03	.03	.03	.03	.03	.02	.028	23	.04
11	.02	.02		.01	.01	.01	.01	.02	.02	.01	.01	.02	.02	.01	.01	.01	.01	.01	.01	.01	.01	.02	.03	.02	.014	23	.03
12*	.03	.02		.02	.02	.02	.03	.03	.03	.01	.01	.02	.02	.02	.02	.02	.02	.02	.02	.02	.01	.02	.02	.02	.019	23	.04
13*	.02	.02		.01	.01	.01	.01	.01	.01	.01	.02	.03	.03	.03	.03	.02	.03	.03	.02	.02	.03	.03	.02	.02	.020	23	.03
14	.03	.02		.02	.02	.02	.01	.01	.01				.02	.02	.01	.01	.01	.01	.02	.03	.04	.03	.01	.02	.018	20	.07
15	.02	.01						.00		.01	.01	.01	.02	.02	.02	.02	.02	.02	.02	.02	.02	.01	.01	.01	.015	18	.02
16	.01	.01	.01	.01	.01	.01	.01	.02			.02	.01	.01	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.016	22	.02
17	.02				.02	.02	.02	.01	.01	.01	.01	.00	.02	.01	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.015	21	.02
18	.02	.01			.01	.01					.02	.02	.02	.02	.02	.02	.02	.02	.01						.017	13	.02
19*																											
20*	.01	.01			.01	.01	.01	.01	.01	.01	.02	.02	.02	.02	.02	.02	.02	.02	.02						.015	17	.02
21																											
22																											
23																											
24																											
25																											
26*																											
27*																											
28																											
MEAN	.02	.02			.02	.02							.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.019		
NO	18	17	1	12	17	16	15	15	11	12	14	15	16	17	16	16	19	19	19	17	17	17	17	17		370	
MAX	.04	.04	.01	.03	.04	.03	.03	.03	.03	.03	.04	.04	.04	.05	.05	.05	.04	.04	.03	.03	.04	.03	.04	.04	.030		.07

* Indicates Saturday or Sunday
Local standard time used

TABULATED THU., MAR. 16, 1967

A-69

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONCENTRATION IN PPM
POTASSIUM IODIDE ANALYSIS

CINCINNATI, OHIO

TOTAL OXIDANT
MARCH 1966

DAY OF MONTH	A M												P M												DAILY MEAN	NO OF HRS	5-MIN MAX
	12 1	1 2	2 3	3 4	4 5	5 6	6 7	7 8	8 9	9 10	10 11	11 12	12 1	1 2	2 3	3 4	4 5	5 6	6 7	7 8	8 9	9 10	10 11	11 12			
1																											
2																											
3																											
4																											
5*	.01	.00			.00	.00	.00	.00	.00	.00	.01	.01	.01	.01	.01	.01	.01	.01	.01	.00	.00	.00	.00	.01	.005	22	.01
6*	.01	.01			.01	.01	.01	.01	.01	.01						.01	.01	.01	.01	.01					.009	13	.01
7																											
8																											
9												.02	.03	.03	.02	.02	.02	.01	.00	.00	.00	.00	.00	.00	.012	13	.03
10	.00	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.02	.02	.03	.02	.02	.02	.01	.02	.02	.02	.02	.009	23	.04
11	.02	.02		.00	.01	.01	.01	.00	.00	.01	.03	.04	.04	.04	.05	.04	.04	.03	.01	.01	.01	.01	.01	.01	.018	23	.05
12*	.00	.01		.01	.02	.02	.02	.01	.01	.01	.01	.02	.01	.01	.01	.01	.01	.01	.00	.00	.00	.00	.00	.00	.009	23	.03
13*	.00	.01		.01	.00	.01	.01	.01	.01	.02	.02	.02	.02	.01	.01	.01		.00	.00	.00	.00	.01	.00	.01	.008	22	.03
14	.01	.01		.01	.01	.01	.01	.00		.01	.01	.01	.02	.02			.02	.02	.02	.01	.01	.00	.00	.00	.010	20	.03
15	.00	.00		.00	.00	.00	.00	.00	.00							.04	.04	.04	.05	.04	.04	.03	.03	.02	.019	17	.06
16																											
17																											
18																											
19*	.01	.00		.01	.01	.01	.01	.01	.02	.03	.03	.03	.03	.03	.03	.03	.02	.03	.02	.02	.02	.01	.02	.02	.019	23	.04
20*	.01			.02	.02		.03	.03	.01	.02	.02	.02	.03		.04	.04	.03	.02	.01	.00	.00	.00	.00	.00	.017	20	.05
21			.01	.00					.00	.00	.01	.00	.02	.01				.00	.01	.02	.01	.02	.01	.02	.010	15	.03
22	.03	.02	.03	.03	.02	.02	.01	.01										.03	.03	.01	.00	.00	.00	.01	.016	15	.04
23																											
24																											
25	.01	.01		.01	.01	.01	.00	.00	.00	.00	.01	.01	.02	.02	.02	.02	.02	.01	.01	.00	.00	.00	.00	.00	.009	23	.03
26*	.00	.01		.00	.00	.01	.01	.01	.01	.02	.02	.02	.02	.01	.01	.01	.02	.02	.01	.01	.01	.01	.00	.01	.010	23	.02
27*	.01	.01		.00	.00	.00	.00	.01	.01	.02	.02	.02	.02	.02	.02	.02	.03	.02	.02	.01	.01	.00	.01	.00	.012	23	.03
28																											
29																											
30																											
31																											
MEAN																		.02	.01	.01							
NO	14	13	2	13	14	13	14	14	13	13	12	13	13	12	11	13	13	16	16	16	15	15	15	15		318	
MAX	.03	.02	.03	.03	.02	.02	.03	.03	.02	.03	.03	.04	.04	.04	.05	.04	.04	.04	.05	.04	.04	.03	.03	.02	.019		.06

* Indicates Saturday or Sunday
Local standard time used

TABULATED THU., MAR. 16, 1967

CONTINUOUS AIR MONITORING PROGRAM

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

CINCINNATI, OHIO

CONCENTRATION IN PPM
POTASSIUM IODIDE ANALYSIS

TOTAL OXIDANT
APRIL 1966

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5 MIN MAX
1																											
2*	.03	.03		.01	.01	.01	.01	.00	.01	.02	.02	.02	.02	.03			.03	.02	.01	.02	.01	.01	.01	.00	.015	21	.03
3*																											
4	.01	.01		.01	.01	.01	.00	.00	.00	.01	.01	.00	.00	.00		.02	.02	.02	.02	.01	.01	.02	.01	.01	.009	22	.03
5	.01	.01	.01	.01	.01	.01	.01	.01											.02	.02	.00	.02	.01	.01	.010	14	.03
6																											
7																											
8	.00		.00	.00	.00	.00	.00	.00	.00	.01			.01	.02	.02	.02	.01	.01	.01	.01	.02	.02	.01	.01	.009	21	.02
9*																											
10*		.00	.00	.00	.01	.00	.00	.00	.00	.01	.03	.03	.03	.02			.02	.02	.02	.02	.01	.01	.01	.01	.012	21	.04
11																											
12																											
13																											
14																											
15																											
16*																											
17*		.03		.05	.04	.04	.04	.04	.04	.03	.05	.06	.07	.07	.07	.06	.05	.05	.05	.05	.05	.04	.04	.04	.047	22	.07
18	.03	.04		.02	.03	.04	.03			.06	.06	.07					.05	.05			.03	.03			.041	13	.08
19																											
20	.04	.03		.04	.05	.03	.03	.04	.04	.04	.05	.04	.04	.04											.039	13	.05
21																											
22																											
23*																											
24*	.02	.02		.03	.03	.03	.02	.02	.02	.03	.03	.03	.03	.03			.02	.02	.02	.02	.02	.02	.02	.02	.023	21	.04
25																											
26																											
27																											
28																											
29																											
30*																											
MEAN																											
NO	7	8	3	9	9	9	9	8	7	8	7	7	7	7	2	3	7	7	7	7	8	8	7	7		168	
MAX	.04	.04	.01	.05	.05	.04	.04	.04	.04	.06	.06	.07	.07	.07	.07	.06	.05	.05	.05	.05	.05	.04	.04	.04	.047		.08

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Local standard time used

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CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
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Cincinnati, Ohio 45226

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONCENTRATION IN PPM
POTASSIUM IODIDE ANALYSIS

CINCINNATI, OHIO

TOTAL OXIDANT
MAY 1966

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN MAX
1*										.04	.04	.05	.05	.05	.05	.05	.05	.06	.06	.05	.03	.03	.03	.04	.044	15	.07
2	.04	.03		.02	.02	.02	.01	.03									.04	.05	.04	.04	.04	.04	.03	.03	.032	15	.05
3	.03	.03		.01	.01	.01	.02	.02	.03	.04	.04	.04	.04	.05	.06	.06	.06	.05	.03	.03	.03	.02	.01	.02	.031	23	.06
4	.02	.03		.02	.02	.02	.01	.02	.03								.06	.06	.06		.05	.05	.05		.034	14	.07
5																											
6																											
7*																											
8*		.02		.04	.02	.02	.03	.05	.06	.06	.07	.08	.07	.05			.05	.05	.04	.04	.04	.04	.03	.03	.044	20	.08
9	.03	.03			.03	.03	.02	.02	.02	.02	.02	.02	.02	.03	.03	.02	.02	.02	.02	.02	.01	.01	.02	.02	.021	22	.04
10																											
11																											
12		.02		.02	.02	.02	.02	.02	.02	.02	.03	.04	.03			.03	.03	.02	.02	.02	.03	.03	.02	.01	.022	20	.04
13	.01	.01		.01	.01	.01	.01	.01	.01	.02	.01	.01	.01	.01	.01	.01	.01	.00	.00	.01	.01	.01	.01	.01	.010	23	.02
14*	.01	.01		.01	.01	.01	.01	.01	.01	.02	.03	.03	.03	.03	.03	.04	.03	.03	.03	.03	.02	.02	.01	.02	.021	23	.04
15*	.01	.02		.02	.03	.02	.02	.02	.02	.04	.05	.05	.05	.05	.05	.05	.05	.04	.04	.04	.03	.03	.04	.04	.035	23	.06
16	.03	.03		.02	.01	.02	.02	.01	.02	.02	.03	.03	.03	.03	.03	.03	.03	.02	.02	.02	.02	.01	.01	.01	.022	23	.04
17	.01	.01		.01	.02	.01	.01	.02	.03	.04						.06	.04	.03	.04	.04	.03	.02	.02	.02	.026	18	.06
18	.01	.01		.02	.02	.01	.01	.00	.01	.01	.01	.01	.02				.03	.03	.03	.02	.04	.02	.02	.02	.017	20	.04
19																											
20																											
21*																											
22*																											
23																											
24																											
25																											
26																											
27																											
28*		.02		.02	.02	.02	.03	.03	.03						.05	.05	.04	.03	.03	.03	.02	.02	.02	.02	.029	17	.05
29*	.02	.02		.01	.01	.01	.01	.01	.02	.02	.02	.03	.03	.04	.04	.04	.04	.04	.03	.03	.02	.02	.01	.01	.022	23	.04
30	.02	.01		.01	.01	.01	.01	.02	.02	.03		.04	.04	.04	.03	.04	.04	.04	.03	.03	.02	.02	.02	.03	.024	22	.04
31	.02	.01		.01	.01	.01	.03	.03	.03								.03	.03	.03	.03	.02	.02	.02	.02	.023	16	.04
MEAN		.02			.02	.02	.02	.02									.04	.03	.03	.03	.03	.02	.02	.02			
NO	13	16		15	16	16	16	16	15	13	11	12	12	10	10	12	17	17	17	16	17	17	17	16		337	
MAX	.04	.03		.04	.03	.03	.03	.05	.06	.06	.07	.08	.07	.05	.06	.06	.06	.06	.06	.05	.05	.05	.05	.04	.044		.08

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CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONCENTRATION IN PPM
POTASSIUM IODIDE ANALYSIS

CINCINNATI, OHIO

TOTAL OXIDANT
JUNE 1966

DAY OF MONTH	AM 12-1	AM 1-2	AM 2-3	AM 3-4	AM 4-5	AM 5-6	AM 6-7	AM 7-8	AM 8-9	AM 9-10	AM 10-11	AM 11-12	PM 12-1	PM 1-2	PM 2-3	PM 3-4	PM 4-5	PM 5-6	PM 6-7	PM 7-8	PM 8-9	PM 9-10	PM 10-11	PM 11-12	DAILY MEAN	NO OF HRS	5-MIN MAX
1																											
2																											
3	.02	.01		.01	.01	.02	.02	.02	.02	.04		.06	.06	.06	.06	.06	.07	.07	.08	.05	.04	.03	.03	.02	.038	22	.08
4*	.02	.02		.02	.03	.03	.03			.05	.05	.06	.06	.06	.05	.05	.05	.05	.04	.03	.03	.03	.02	.02	.037	21	.06
5*	.02	.03			.04	.04	.03	.03	.04	.05	.05	.05	.05								.02	.02	.02		.035	14	.05
6		.02								.04	.04	.03	.02	.02			.02	.02	.02	.01	.01	.01	.01	.01	.019	14	.04
7	.01					.01	.01	.02	.02	.03	.04	.04	.05				.04	.05	.05	.04	.02	.02	.02	.01	.028	17	.05
8	.02	.02		.01	.01	.02	.02	.01	.01					.05	.06	.05	.04	.03	.04	.04	.02	.02	.02	.02	.026	19	.06
9	.02	.02			.01	.01	.01	.02	.02			.04	.04	.04	.04	.05	.05	.05	.04	.04	.04	.03	.03	.03	.032	20	.05
10	.03	.02			.01	.01	.01	.01	.00	.01	.03	.02	.03				.04	.04	.05	.04	.04	.03	.03	.03	.025	19	.05
11*																											
12*																											
13	.02	.02		.01	.01	.02	.02	.02	.03	.04	.04	.05	.06				.08	.07	.06	.05	.05	.04	.03	.02	.035	20	.08
14	.01	.01			.03	.03	.02	.02		.03	.03	.04	.04	.03		.03	.03	.03	.03	.03	.02	.02	.02	.02	.025	20	.04
15	.02	.01			.01	.01	.00	.01	.01							.02	.03	.03	.03	.02	.02	.01	.02	.02	.017	16	.04
16	.03	.03		.03	.03	.03	.02	.02		.02	.02	.01	.01	.01	.01	.03	.04	.04	.04	.03	.02	.02	.02	.02	.023	22	.04
17																											
18*									.03	.05	.07	.06	.06	.06			.07	.08	.08	.06	.03	.02	.02	.03	.051	14	.09
19*	.02			.02	.01	.02	.02	.02	.03	.05	.06	.07	.06	.08			.08	.08	.08	.06			.02	.02	.043	18	.08
20																											
21																											
22																											
23																											
24																											
25*																											
26*	.01		.01	.02	.02	.02	.01	.03	.05	.08	.08	.08	.07	.08			.07	.07	.07	.05	.03	.03	.03	.02	.043	21	.08
27																											
28																											
29																											
30	.01			.01	.01	.01	.01	.02	.05	.07	.08	.09	.10				.09	.08							.048	13	.10
MEAN	14	11	1	8	13	14	14	13	12	13	12	14	14	10	5	7	15	15	14	14	14	14	15	14		290	
NO	.03	.03	.01	.03	.04	.04	.03	.03	.05	.08	.08	.09	.10	.08	.06	.06	.09	.08	.08	.06	.05	.04	.03	.03	.051		.10
MAX																											

* Indicates Saturday or Sunday
Local standard time used

TABULATED THU., MAR. 16, 1967

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONCENTRATION IN PPM
POTASSIUM IODIDE ANALYSIS

CINCINNATI, OHIO

TOTAL OXIDANT
JULY 1966

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS	5-MIN MAX
1																											
2*																											
3*																											
4																											
5																											
6																											
7																											
8																											
9*	.01									.05	.06	.06	.06	.06			.05	.04	.04	.03	.03	.02	.02	.02	.037	14	.06
10*																											
11									.02	.02	.03	.03	.03		.04	.06	.05	.04	.03	.03	.03	.02	.02	.02	.030	15	.07
12	.02			.02	.01	.01	.02	.02	.02	.04	.04	.04	.05	.05	.06			.04	.06	.06	.05	.04	.04	.04	.036	20	.06
13	.03			.03	.03	.02	.01	.02	.03	.07	.08	.09	.09	.08	.07	.06	.03	.02	.02	.02	.02	.02	.01	.01	.039	22	.10
14	.01			.01	.01	.01	.01	.01	.03	.04	.07	.09	.10	.04	.03	.04	.04	.04	.03	.02	.03	.04	.03	.03	.034	22	.11
15	.02			.01	.02	.03	.02	.02	.03	.03	.04	.04	.04	.05	.05	.05	.05	.05	.05	.05	.03	.03	.03	.03	.035	22	.06
16*	.03			.02	.02	.02	.02	.02	.03	.04	.06	.07	.07	.07	.06	.06	.07	.07	.07	.06	.05	.04	.04	.03	.046	22	.08
17*	.04			.03	.02	.02	.02	.03	.05	.07	.07	.08	.08	.07	.07	.07	.08	.08	.07	.07	.06				.056	19	.09
18									.04	.06	.07	.05	.05	.06			.06	.06	.05	.04	.02	.03	.03	.03	.047	14	.07
19																											
20	.02	.02		.02	.02	.02	.02			.03	.03	.04	.04	.05			.05	.05	.05	.04	.03	.03	.03	.03	.033	19	.05
21	.03			.02	.02	.02	.02			.04	.04	.04	.05				.04	.04	.04	.04	.03	.02	.02	.03	.031	17	.05
22	.03	.03		.02	.02	.02	.04	.03	.04	.05	.05	.06	.06	.06				.06	.06	.05	.04	.03	.03	.02	.040	20	.07
23*																											
24*																											
25										.06	.08	.08	.08	.08			.08	.08	.07	.07	.05	.03	.02	.02	.060	13	.09
26	.02	.01		.02	.02	.01	.01	.02			.09	.08	.08	.08	.07	.08	.08	.06	.07	.07	.06	.06	.04	.02	.050	21	.11
27	.03	.02		.02	.02	.03	.02	.02	.03	.05	.05	.05	.06	.07	.08	.09	.07	.07	.06	.05	.03	.03	.03	.03	.043	23	.09
28	.02	.02		.03	.03	.03	.02	.02	.02	.03	.04	.04	.04			.05	.03	.02	.02	.02	.02	.02	.02	.02	.025	21	.07
29	.02	.01		.01	.01	.02	.01	.02			.04	.05	.05	.05	.05	.05	.05	.04	.04	.04	.03	.03	.03	.02	.031	21	.06
30*	.03	.03		.02	.01	.01	.01					.04	.04	.05	.05	.05	.05	.05	.05	.05	.03	.03	.03	.03	.035	19	.06
31*	.03	.03	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.01	.01	.020	24	.03
MEAN	.02									.04	.05	.05	.06	.06			.05	.05	.05	.04	.03	.03	.03	.02	.038		
NO	16	8	1	15	15	15	15	12	12	16	18	19	19	16	12	12	17	19	19	19	19	18	18	18		366	
MAX	.04	.03	.02	.03	.03	.03	.04	.03	.05	.07	.09	.09	.10	.08	.08	.09	.08	.08	.07	.07	.06	.06	.04	.04	.060		.11

* Indicates Saturday or Sunday
Local standard time used

TABULATED THU., MAR. 16, 1967

CONTINUOUS AIR MONITORING PROGRAM

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

CINCINNATI, OHIO

CONCENTRATION IN PPM

POTASSIUM IODIDE ANALYSIS

TOTAL OXIDANT
AUG. 1966

DAY OF MONTH	AM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	PM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN MAX
1																											
2																											
3																											
4																											
5																											
6*																											
7*																											
8																											
9																											
10																											
11																											
12																											
13*																											
14*																											
15																											
16																											
17																											
18																											
19																											
20*																											
21*									.01	.01	.01	.01	.01	.02			.02	.02	.02	.02	.01	.00	.00	.00	.011	14	.02
22											.02	.02	.02	.02			.03	.03	.02	.01	.01	.01	.01	.01	.014	19	.03
23	.01	.01		.01	.01	.01	.01	.00			.02	.02	.02	.02			.02	.02	.02	.01	.00	.01	.01	.01	.012	21	.03
24	.01	.01		.01	.00	.00	.00	.01	.01	.02	.02	.02	.02	.02	.03	.03	.02	.02	.02	.01	.00	.00	.00	.00	.012	23	.03
25	.01	.00		.00	.00	.00	.00	.00	.00	.02	.02	.03	.03	.03	.03	.03	.02	.02	.02	.01	.00	.00	.00	.00	.011	21	.03
26	.00	.00		.00	.00	.00	.00	.00	.01	.03	.03	.03	.03	.02			.02	.03	.02	.01	.00	.00	.00	.00	.024	17	.05
27*	.00	.00		.01	.00							.04	.04	.04	.05	.04	.04	.04	.04	.02	.02	.01	.01	.00	.024	21	.08
28*	.00	.00		.01	.00	.00	.00	.00	.01	.02	.05	.07	.06	.06			.06	.05	.04	.03	.02	.01	.01	.01	.025	19	.06
29	.01	.00			.00	.01				.04	.05	.06	.05	.05	.04	.04	.04	.03	.03	.03	.01	.00	.00	.00	.012	19	.05
30	.00	.00		.00	.00	.00	.00	.00	.00	.00	.01	.02	.05					.04	.04	.02	.01	.01	.01	.01	.014	15	.08
31	.00	.00		.00	.01	.00			.00	.00							.07	.03	.03	.02	.01	.01	.01	.01			
MEAN	9	9		8	9	8	6	6	7	8	8	9	9	8	3	3	9	10	10	10	10	10	10	10	.025	189	
NO	.01	.01		.01	.01	.01	.01	.01	.01	.04	.05	.07	.06	.06	.03	.04	.07	.05	.04	.03	.02	.01	.01	.01			.08
MAX																											

* Indicates Saturday or Sunday
Local standard time used

TABULATED THU., MAR. 16, 1967

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CINCINNATI, OHIO

CONCENTRATION IN PPM
POTASSIUM IODIDE ANALYSIS

TOTAL OXIDANT
SEPT. 1966

DAY OF MONTH	AM 12-1	AM 1-2	AM 2-3	AM 3-4	AM 4-5	AM 5-6	AM 6-7	AM 7-8	AM 8-9	AM 9-10	AM 10-11	AM 11-12	PM 12-1	PM 1-2	PM 2-3	PM 3-4	PM 4-5	PM 5-6	PM 6-7	PM 7-8	PM 8-9	PM 9-10	PM 10-11	PM 11-12	DAILY MEAN	NO. OF HRS	5 MIN MAX
1																											
2																											
3*																											
4*																											
5																											
6																											
7																											
8																											
9																											
10*																											
11*																											
12																											
13																											
14	.01	.01		.01	.01	.01	.01	.01								.06	.06	.06	.05	.03	.03	.02	.01	.01	.025	16	.06
15																											
16																											
17*	.02				.02	.02						.05	.06	.05	.06	.05	.05	.04	.03	.02	.01	.02	.01	.02	.034	16	.06
18*	.02	.02			.01	.01	.00	.01	.02	.01	.02	.03	.04	.04	.04	.04	.04	.03	.03	.03	.02				.024	19	.05
19					.02	.01	.01	.01			.01	.01	.02	.02	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.012	18	.02
20	.01	.01		.01	.01	.01	.01	.01		.01	.01					.01	.02	.02	.01	.01	.01	.01	.01	.01	.011	18	.02
21																											
22	.01	.01		.00	.00	.00	.01	.01	.02	.02	.03	.03	.03				.03	.03	.02	.01	.01	.00	.01	.00	.013	20	.04
23	.00	.01		.01	.01	.01	.01	.01				.03	.03	.04	.03	.03	.03	.02	.01	.01	.01	.01	.01	.01	.017	20	.04
24*	.01	.02		.01	.00				.02	.03	.04	.03	.03	.04			.04	.03	.02	.02	.02	.02	.02	.02	.022	18	.04
25*																											
26																											
27	.01	.01		.01	.01	.01	.01	.01	.00	.01	.01	.01	.01	.01	.01	.01	.02	.02	.01	.01	.01	.01	.01	.01	.009	23	.03
28	.01	.01		.01	.01	.01	.01	.01	.01	.02	.02	.04					.06	.05	.03	.02	.02	.02	.02	.02	.019	19	.06
29	.01	.01		.01	.01	.01	.01	.02	.02	.02	.04	.04	.05	.05			.04	.03	.02	.01	.02	.02	.02	.02	.022	21	.05
30	.01	.02		.02	.01	.01	.01	.01		.00	.01	.01	.01	.01	.02	.01	.01	.01	.02	.01	.01	.01	.01	.01	.011	22	.02
MEAN	11	10		9	12	11	10	10	6	8	9	10	9	8	6	8	12	12	12	12	12	11	11	11		230	
NO	.02	.02		.02	.02	.02	.01	.02	.02	.03	.04	.05	.06	.05	.06	.06	.06	.06	.05	.03	.03	.02	.02	.02	.034		.06
MAX																											

* Indicates Saturday or Sunday
Local standard time used

TABULATED THU., MAR. 16, 1967

CONTINUOUS AIR MONITORING PROGRAM

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

CINCINNATI, OHIO

CONCENTRATION IN PPM
POTASSIUM IODIDE ANALYSIS

TOTAL OXIDANT
OCT. 1966

DAY OF MONTH	A M												P M												DAILY MEAN	NO OF HRS	5-MIN MAX
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12			
1*	.01	.01		.01	.01	.01	.01	.01	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.03	.02	.017	23	.04
2*	.02	.01		.02	.01	.01	.01	.01	.01	.02	.03	.03	.04				.04	.05	.04	.03	.02	.02	.02	.02	.022	20	.05
3	.02	.01		.01	.01	.01	.01	.01	.02	.02	.04	.04	.05	.05	.03	.04	.04	.03	.02	.02	.03	.03	.03	.02	.025	23	.05
4	.03	.04		.04	.04	.04	.03	.02		.03	.03	.02	.03	.04	.04	.04	.04	.03	.02	.02	.02	.03	.02	.02	.030	22	.05
5																											
6	.02	.02							.02	.02	.03	.03	.03	.04	.04		.03	.03	.03	.04	.03	.03	.03	.02	.028	17	.06
7	.02	.02		.02	.02	.02	.02	.04	.03	.03	.03	.03	.03	.03			.03	.02	.02	.04	.04	.02	.02	.03	.025	21	.06
8*	.02	.01			.01	.01	.01	.02				.03	.05	.05	.05	.04	.03	.03	.02	.01	.02	.01	.01	.01	.023	19	.06
9*																											
10																											
11	.01	.01		.01	.01	.01	.01	.01		.02	.02	.02	.03	.02			.03	.02	.02	.02	.02	.03	.02	.02	.018	20	.04
12	.02	.01		.01	.01	.01	.02	.03	.03	.02	.02	.03	.03	.03			.04	.02	.02	.03	.02	.02	.02	.02	.023	21	.05
13	.02	.02		.01	.02	.02	.02	.02	.01	.02	.03	.02	.03	.04			.03	.01							.021	15	.05
14																											
15*	.02	.03		.03	.03	.03	.03	.03	.06	.04	.03	.03	.02	.02	.02	.02	.02	.02	.01	.02	.02				.025	20	.08
16*																											
17												.04	.03	.03	.03	.03	.02	.02	.02	.00	.01	.00	.00	.00	.018	13	.04
18	.01	.01		.01	.01	.01	.01	.01		.02	.02	.02	.02	.02	.02	.02	.02	.01	.01	.01	.01	.01	.02	.01	.013	22	.02
19	.01	.01		.01	.01	.01	.01	.01	.01	.01	.02	.02	.02	.02	.02	.02	.02	.01	.01	.01	.01	.01	.01	.01	.012	23	.02
20	.01	.01		.01	.01	.01	.01	.01			.03	.03	.03	.03	.04	.04	.04	.03	.02	.03					.022	17	.05
21										.01	.01	.02	.02	.03	.03	.02	.03	.02	.01	.02	.02	.02	.02	.02	.019	15	.03
22*	.02	.02		.01	.02	.02	.02	.00	.02		.06	.06	.05	.05	.04	.04	.03	.02	.02	.02	.01	.01	.02	.02	.027	22	.07
23*	.02	.02		.01	.01	.01	.01	.01	.01	.02	.03	.02	.03	.03	.03	.03	.03	.02	.01	.02	.02	.03	.02	.02	.019	23	.04
24	.02	.02		.01	.02	.03	.02	.03	.03	.04	.04	.04	.04	.04	.05	.04	.04	.03	.02	.04	.04	.03	.03	.03	.032	23	.07
25	.03	.03		.02	.01	.01	.02	.02	.02	.02	.03	.03	.04	.05	.05	.05	.05	.03	.02	.02	.02	.01	.01	.02	.025	23	.05
26	.02	.02		.01	.01	.01	.02	.02	.01	.02	.02	.03	.04	.04	.05	.05	.05	.03	.02	.02	.01	.02	.02	.03	.025	23	.06
27	.02	.02		.02	.02	.02	.02	.04	.04	.03	.03	.04	.05	.06			.05	.03	.02	.03	.03	.02	.02	.03	.031	21	.07
28	.02	.02		.01	.02	.02	.02	.03	.02	.03	.03	.06	.06	.05	.07	.06	.04	.02	.02	.02	.02	.02	.02	.01	.029	23	.08
29*	.01	.01		.01	.01	.01	.02	.02			.02	.02	.02	.02	.02	.03	.03	.02	.01	.01	.01	.02	.01	.01	.016	21	.03
30*	.02	.01		.01	.01	.01	.01	.02	.02	.02	.03	.03	.03	.04	.04	.04	.03	.02	.01	.01	.02	.02	.02	.02	.021	23	.05
31	.02	.02		.01	.01	.01	.01	.02	.03	.02	.03	.03	.03	.03	.03	.03	.02	.02	.02	.02	.01	.02	.03	.02	.020	23	.04
MEAN	.02	.02		.01	.01	.02	.02	.02	.02	.02	.03	.03	.03	.03	.04	.03	.03	.02	.02	.02	.02	.02	.02	.02	.023		
NO.	24	24		22	23	23	23	23	18	21	24	26	26	25	20	19	26	26	25	25	24	23	23	23		536	
MAX	.03	.04		.04	.04	.04	.03	.04	.06	.04	.06	.06	.06	.06	.07	.06	.05	.05	.04	.04	.04	.03	.03	.03	.032		.08

* Indicates Saturday or Sunday
Local standard time used

TABULATED THU., MAR. 16, 1967

A-77

CONTINUOUS AIR MONITORING PROGRAM

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

CINCINNATI, OHIO

CONCENTRATION IN PPM
POTASSIUM IODIDE ANALYSIS

TOTAL OXIDANT
NOV. 1966

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS	5-MIN MAX
1	.02	.01		.01	.01	.02	.01	.01	.01							.02	.01	.01	.01	.01	.01	.01	.01	.01	.012	17	.02
2	.01	.01		.01	.01	.01	.01	.01	.01	.01				.02	.02	.02	.01	.01	.01	.01	.02	.02	.02	.02	.014	20	.03
3	.02	.02		.02	.02	.01	.01	.01	.02	.02			.03				.03	.02	.02	.02	.02	.02	.01	.01	.018	18	.03
4	.01	.01		.01	.01	.01	.00	.00	.01		.02	.02	.02	.02			.02	.01	.01	.01	.01	.01	.01	.02	.012	20	.03
5*	.02	.02		.01	.02	.01	.01	.00			.02	.02	.01	.01			.01	.01	.01	.01	.01	.01	.02	.02	.013	19	.04
6*	.02	.03		.02	.01	.01	.01	.01	.01	.01	.01	.02	.03	.03			.03	.02	.01	.02	.02	.01	.01	.01	.015	21	.03
7																											
8																											
9	.01	.01		.01	.01	.01	.02	.01	.01	.02	.02	.02	.02	.02	.02	.02	.01	.02	.01	.01	.01	.01	.01	.01	.014	23	.03
10																											
11							.01	.01	.01	.01	.01	.01	.02	.02	.02	.02	.02	.01	.01	.01	.02	.01	.02	.02	.014	18	.04
12*	.02	.01		.01	.01	.01	.01	.01	.01	.02	.02	.02	.03	.02	.02	.02	.02	.02	.01	.02	.01	.01	.01	.01	.014	23	.03
13*	.01	.01		.01	.01	.01	.01	.00	.01	.01	.02	.02	.03	.04	.04	.04	.03	.02	.01	.01	.01	.02	.01	.03	.018	23	.06
14	.03	.03		.02	.02	.02	.02	.02	.03		.04	.03	.03	.04	.03	.03	.03	.02	.04	.04	.03	.04	.03	.03	.029	22	.06
15	.03	.02		.01	.01	.01	.01	.01	.02							.02	.01	.02	.02	.03	.07	.06	.04	.04	.025	17	.09
16	.03	.03		.02	.02	.02	.03	.03		.03	.03	.03	.05	.05					.03	.02	.03	.03	.03	.02	.028	18	.05
17	.02	.02		.03	.02	.02	.02	.02	.02	.03	.04	.04			.04	.04	.04	.02	.02	.02	.01	.02	.04	.04	.027	21	.05
18																											
19*	.01	.01		.01	.01	.01	.01	.01	.02	.02	.02	.02	.02	.03	.03	.02	.02	.01	.01	.01	.02	.01	.01	.01	.015	23	.03
20*	.01	.01		.01	.01	.01	.01	.01	.01	.02	.02	.02	.02	.03			.02	.02	.01	.02	.02	.01	.01	.01	.015	21	.03
21	.01	.01			.00	.01	.03	.01	.02								.03	.02	.02	.02	.04	.03	.03	.02	.020	15	.08
22	.02	.01		.02	.01	.01	.02	.02	.01	.01	.01							.03	.03	.03	.02	.03	.02	.02	.018	17	.04
23																											
24	.02	.02		.02	.02	.01	.02	.02		.02	.03	.03	.03	.03	.04	.03	.02	.02	.02	.02	.01	.02	.02	.02	.021	22	.04
25	.02	.02		.04	.03	.03	.02			.02	.02	.01	.02	.02	.02	.02	.02	.02	.02	.02					.021	17	.04
26*									.01	.02	.01	.01	.01	.02	.02	.03	.03	.02	.02	.01	.02	.01	.01	.01	.015	16	.07
27*	.01	.02		.02	.03	.03	.03	.03	.03	.03						.01	.01	.01	.01	.01	.01	.01	.01	.01	.017	18	.03
28	.01	.01		.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.02				.01	.02	.01	.01	.02	.02	.01	.012	20	.03
29	.01	.01		.01	.01	.02	.02	.02	.02								.02	.01	.02	.02	.01	.02	.02	.02	.016	16	.02
30	.02	.02		.02	.02	.02	.02	.01		.01	.01	.01	.01	.02	.02		.02	.02	.02	.02	.01	.01	.01	.01	.015	21	.03
MEAN	.02	.02		.02	.01	.01	.01	.01	.01	.02	.02	.02	.02	.02			.02	.02	.02	.02	.02	.02	.02	.02	.018		
NO.	23	23		22	23	23	24	23	20	18	18	17	17	17	12	14	22	24	25	25	24	24	24	24		486	
MAX	.03	.03		.04	.03	.03	.03	.03	.03	.03	.04	.04	.05	.05	.04	.04	.04	.03	.04	.04	.07	.06	.04	.04	.029		.09

* Indicates Saturday or Sunday
Local standard time used

TABULATED THU., MAR. 16, 1967

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONCENTRATION IN PPM
POTASSIUM IODIDE ANALYSIS

CINCINNATI, OHIO

TOTAL OXIDANT
DEC. 1966

DAY OF MONTH	AM												PM												DAILY MEAN	NO OF HRS	5-MIN MAX
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12			
1	.01	.01		.01	.01	.01	.01	.01	.01		.00	.00	.00	.01	.02	.01	.01	.01	.01	.01	.02	.02	.02	.02	.010	22	.03
2	.02	.02		.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02			.02	.02	.02	.02	.02	.02	.02	.02	.020	21	.03
3*	.02	.02		.01	.01	.01	.00	.00	.00	.00	.00	.01	.02	.03											.010	13	.03
4*																											
5																											
6																											
7																											
8	.01	.01		.02	.01	.02	.02	.02	.02	.02	.02	.01				.02	.02	.02	.02	.02	.02	.02	.02	.02	.017	20	.04
9	.02	.02		.01	.02	.02	.01	.02		.02	.03	.02	.01	.01	.02	.01	.02	.02	.01	.01	.01	.01	.01	.02	.015	22	.04
10*	.02	.02		.01	.01	.01	.01	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.017	23	.03
11*	.02	.02		.01	.01	.01	.01	.01	.02	.02	.02	.02	.03	.03	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.019	23	.03
12	.02	.02		.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.01	.02	.02	.02	.02	.02	.02	.02	.019	23	.03
13	.01	.01		.02	.02	.02	.02	.02	.01	.02	.01	.01	.01	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.01	.016	23	.03
14	.01	.02		.02	.02	.02	.02	.01	.02	.02				.02			.02	.02	.02	.02	.02	.02	.02	.02	.017	18	.04
15	.02	.02		.02	.02	.01	.02	.03	.03	.03	.02	.02	.02	.03	.03	.02	.02	.03	.02	.03	.03	.02	.02	.02	.022	23	.04
16	.02	.02		.02	.02	.02	.02	.02			.02	.03	.03	.03	.03	.03	.03	.02	.03	.03	.03	.03	.03	.03	.026	21	.05
17*	.02	.02		.01	.02	.01	.02	.03					.03	.03	.03	.03	.02	.03	.03	.02	.03	.03	.03	.03	.024	19	.05
18*	.03	.03		.02	.02	.02	.03	.03	.02	.03	.03	.03	.03	.04			.03	.03	.03	.02	.03	.02	.03	.02	.026	21	.04
19																											
20																											
21	.02	.02		.02	.02	.02	.02	.03			.01	.02	.02	.02	.01	.02	.01	.02	.02	.02	.02	.02	.02	.02	.018	21	.03
22	.02	.02		.02	.02	.02	.03	.04	.04							.02	.02	.01	.02	.02	.01	.01	.01	.01	.019	17	.05
23	.01	.01		.02	.02	.02	.02	.02	.02			.02	.02	.02	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.014	21	.02
24*	.01	.01		.01	.01	.01	.01	.01			.01	.01	.02	.01	.01	.01	.01	.01	.01	.00	.01	.01	.00	.00	.009	21	.02
25*	.01	.01		.01	.01	.01	.01	.01	.01	.01	.01	.02	.01	.02			.02	.01	.01	.00	.00	.00	.01	.00	.009	21	.02
26	.01	.01		.01	.01	.01	.00	.00	.00	.00	.00	.01	.02	.01	.01	.02	.01	.01	.00	.00	.00	.00	.01	.01	.007	23	.02
27	.01	.01		.01	.01	.00	.01	.01	.00	.01	.00			.01	.01	.00	.01	.01	.01	.01	.01	.01	.00	.00	.006	21	.02
28																											
29										.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.01	.01	.01	.01	.017	15	.02
30	.01	.01		.01	.01	.01	.01	.01		.00	.00	.01	.02	.02	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.009	22	.02
31*	.00	.01		.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.02	.01	.01	.01	.01	.01	.01	.01	.010	23	.02
MEAN	.01	.01		.01	.01	.01	.02	.02	.02	.01	.01	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.01	.016		
NO	23	23		23	23	23	23	23	17	17	20	20	20	22	17	19	23	23	23	23	23	23	23	23		497	
MAX	.03	.03		.02	.02	.02	.03	.04	.04	.03	.03	.03	.03	.04	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.026		.05

* Indicates Saturday or Sunday
Local standard time used

TABULATED THU., MAR. 16, 1967

TABULATED 03/21/67

CONTINUOUS AIR MONITORING PROGRAM
AISI SPOT (COH/1000 LIN.FT.)

DAY OF MONTH	TIME (STARTING HOUR) 0000	0200	0400	0600	0800	1000	1200	1400	1600	1800	2000	2200	AVG	N (1)	MAX (2)
	CINCINNATI OHIO														JAN/66
01															
02															
03								1.0	0.8	2.3	2.8	4.9			
04	4.6	4.1	4.2	5.2	8.5	3.1	1.8	1.1	1.7	1.4	4.3	4.7	3.78	12	8.5
05	4.5	3.7	3.1	4.2	3.7	4.3	3.1	3.0	2.9	2.4	1.8	1.6	3.23	12	4.5
06	1.6	2.0	1.7	1.5	1.4	1.6	1.4	0.8	1.6	1.0	0.7	0.9	1.38	12	2.0
07	1.1	1.0	1.7	1.6	1.5	1.9	1.6	0.9	0.9	0.4	0.6	0.3	1.18	12	1.9
08	0.8	0.6	0.3	0.5	1.1	0.9	0.4	0.8	0.9	0.7	2.0	2.2	0.99	12	2.2
09	1.6	1.7	1.4	1.2	1.5	1.6	1.0	0.8	1.1	1.5	1.3	1.7	1.41	12	1.7
10	0.9	0.9	1.9	1.7		1.4	1.0	0.7	0.2	0.5	0.5	0.5	0.97	11	1.9
11	0.2	0.3	0.4	1.0	1.3	0.8	1.0	0.4	1.4	0.8	1.6	0.9	0.89	12	1.6
12	0.4	0.8	0.5	1.0	1.4	1.2	1.4	0.9	0.9	1.4	1.3	1.5	1.11	12	1.5
13	1.3	1.3	1.6	1.8	1.1	0.9	0.5	1.0	1.0	0.9	0.6	0.6	1.09	12	1.8
14	0.6	0.2	0.9	1.0	0.8	1.2	1.1	0.4	2.0	2.5	2.0	3.5	1.40	12	3.5
15	4.8	3.6	4.0	4.8	3.9	3.0	0.7	1.5	1.5	1.2	1.0	1.2	2.62	12	4.8
16	0.2	0.3	0.5	1.2	0.9	1.2	0.6	1.0	1.0	0.9	1.0	1.7	0.91	12	1.7
17	1.1	1.0	1.1	1.5		0.6	1.2	0.8	1.3	0.7	0.6	0.9	1.02	11	1.5
18	0.8	1.0	1.2	1.1	1.0	1.1	0.5	0.6	0.9	1.0	1.2	1.0	1.00	12	1.2
19	0.9	1.3	1.5	2.3	2.8	1.5	0.9	0.8	0.8	0.9	3.1	3.3	1.72	12	3.3
20	3.7	2.5	2.4	3.9	1.5	1.1	1.4	1.0	0.9	0.8	1.3	0.5	1.75	12	3.9
21	0.3	0.6	0.7	0.9	0.9	0.9	0.9	0.7	1.4	1.4	1.8	1.7	1.05	12	1.8
22	1.3	1.7	1.2	1.8	2.3	3.0	2.3	2.3	2.7	2.7	1.7	1.2	2.08	12	3.0
23	1.0	0.6	0.3	0.3	0.9	1.0	0.9	0.7	0.8	1.0	0.9	1.0	0.83	12	1.0
24	1.6	2.0	1.9	2.6		3.3	2.8	2.0	1.2	1.1	0.7	1.2	1.89	11	3.3
25	1.2	1.0	1.4	2.0	2.5	2.1	1.3	1.4	1.9	1.6	1.4	1.3	1.64	12	2.5
26	1.5	0.9	1.5	1.7	1.8	1.7	1.3	1.3	1.6	2.1	1.2	2.2	1.61	12	2.2
27	1.7	2.3	1.4	2.9	1.8	1.8	0.6	0.6	1.2	0.9	0.4	1.0	1.44	12	2.9
28	0.3	0.4	1.3	1.6	1.1	1.7	1.2	1.0	1.2	1.1	1.0	0.8	1.09	12	1.7
29	1.2	0.9	0.8	1.3	1.8	2.6	2.7	1.7	2.1	1.7	1.1	1.2	1.64	12	2.7
30	0.8	1.0	0.5	1.3	1.5	1.3	1.0	1.0	0.9	0.7	1.6	1.7	1.17	12	1.7
31	1.7	1.5	1.3	4.1	2.8	2.9	1.1	1.8	2.1	2.3	2.3	1.4	2.14	12	4.1
AVG	1.48	1.40	1.45	2.00	1.98	1.77	1.27	1.10	1.36	1.27	1.39	1.48	1.48		
N(3)	28	28	28	28	25	28	28	28	28	28	28	28		333	
MAX*	4.8	4.1	4.2	5.2	8.5	4.3	3.1	3.0	2.9	2.7	4.3	4.7	3.78		8.5

(1) N=NUMBER OF VALID 2-HR SPOTS
(2) MAX=MAXIMUM 2-HR COH (DY)
(3) N=DAYS WITH VALID VALUES
* MAX=MAXIMUM 2-HR COH (MO)
VALUES GREATER THAN 6.0 UNDERESTIMATE ACTUAL VALUE

TABULATED 09/21/67

CONTINUOUS AIR MONITORING PROGRAM
AISI SPOT (COH/1000 LIN.FT.)

DAY OF MONTH — TIME (STARTING HOUR) — CINCINNATI OHIO — FEB/66

DAY OF MONTH	0000	0200	0400	0600	0800	1000	1200	1400	1600	1800	2000	2200	AVG	N (1)	MAX (2)
01	1.5	1.4	1.1	1.9		1.1	1.6	1.7	1.4	1.7	2.0	1.5	1.58	11	2.0
02	1.2	1.1	1.0	1.0	1.7	1.4	0.3	1.0	0.8	1.1	1.9	0.8	1.15	12	1.9
03	0.6	0.8	0.8	0.9	1.5	1.8	0.8	0.8	1.0	2.2	1.7	0.7	1.17	12	2.2
04	0.9	0.8	1.0	1.1	2.5	1.0	0.4	0.6	1.0	0.9	0.9	0.9	1.04	12	2.5
05	1.5	1.3	1.8	2.2	3.2	2.5	1.3	1.3	1.6	1.4	1.6	1.8	1.83	12	3.2
06	1.7	2.3	1.0	2.0	1.7	1.9	1.7	1.9	1.7	1.7	1.8	1.5	1.79	12	2.3
07	1.9	1.9	1.5	2.3		2.2	1.1	2.6	2.0	1.9	1.7	1.8	1.94	11	2.6
08	1.2	1.0	1.9	2.2	2.3	1.7	1.7	1.7	1.8	1.9	2.3	2.0	1.86	12	2.3
09	2.1	2.3	2.0	2.8	2.7	1.3	1.0	0.8	1.2	1.5	1.0	1.1	1.70	12	2.8
10	0.6	0.9	1.0	2.6	2.1	1.7	2.0	1.5	1.3	1.0	0.9	0.4	1.37	12	2.6
11	0.2	0.4	0.6	1.9	1.2	1.0	1.1	0.3	0.4	0.4	1.5	2.1	0.96	12	2.1
12	2.3	2.7	2.9	3.8	2.7	0.5	0.5	0.2	0.9	0.9	0.6	1.2	1.64	12	3.8
13															
14						0.9	1.3	1.5	0.7	1.8	1.2	1.3	1.29	07	1.8
15	0.5	0.7	1.0	1.1	1.1	0.9	0.6	0.3	1.0	0.7	0.9	0.8	0.84	12	1.1
16	0.7	1.1	1.3	2.0	1.5	1.2	0.8	1.1	1.0	0.2	0.6	0.8	1.07	12	2.0
17	0.8	0.3	0.5	1.0	1.0	0.7	1.1	0.7	0.9	2.1	1.7	1.8	1.07	12	2.1
18	1.4	1.0	1.0	2.0	2.8	1.4	0.6	0.8	1.0	2.3	2.4	2.1	1.61	12	2.8
19	2.7	1.9	0.7	0.7	1.3	0.5	0.8	0.5	0.5	0.8	0.9	0.5	1.83	12	2.7
20	0.5	0.8	0.7	0.7	0.9	0.8	0.2	0.1	0.5	0.6	1.0	1.6	0.74	12	1.6
21	1.0	1.0	0.8	1.4	1.1	0.8	0.9	0.8	0.6	1.1	1.5	1.2	1.06	12	1.5
22	1.2	1.3	1.2	1.3	1.5	1.2	0.8	0.9	0.7	1.1	1.7	0.8	1.19	12	1.7
23	0.8	0.8	1.5	2.0	1.3	0.9	0.8	1.3	1.1	1.2	1.7	1.0	1.26	12	2.0
24	2.1	2.2	1.7	2.2	2.1	2.0	1.8	2.7	2.7	2.5	3.0	2.0	2.29	12	3.0
25	1.2	0.9	1.2	1.3	1.5	1.2	1.5	1.1	1.6	1.1	0.5	0.3	1.17	12	1.6
26	0.5	0.3	0.6	1.1	1.5	1.0	0.5	0.3	0.7	0.8	0.8	0.6	0.77	12	1.5
27	1.0	0.7		1.3	0.9	1.0	1.5	1.4	1.3	1.4	1.3	1.2	1.21	11	1.5
28	1.4	1.2	0.7	1.5	1.8		0.5	0.9	1.5	1.5	0.8	0.5	1.15	11	1.8
29															
AVG	1.21	1.19	1.18	1.70	1.74	1.25	1.00	1.06	1.14	1.32	1.40	1.19	1.27		
N(3)	26	26	25	26	24	26	27	27	27	27	27	27		315	
MAX*	2.7	2.7	2.9	3.8	3.2	2.5	2.0	2.7	2.7	2.5	3.0	2.1	2.29		3.8

(1) N=NUMBER OF VALID 2-HR SPOTS
(2) MAX=MAXIMUM 2-HR COH (DY)
(3) N=DAYS WITH VALID VALUES
* MAX=MAXIMUM 2-HR COH (MO)
VALUES GREATER THAN 6.0 UNDERESTIMATE ACTUAL VALUE

TABULATED 03/21/67

CONTINUOUS AIR MONITORING PROGRAM
AISI SPOT (COH/1000 LIN.FT.)

DAY OF MONTH — TIME (STARTING HOUR) — CINCINNATI OHIO — MARCH/66

DAY OF MONTH	0000	0200	0400	0600	0800	1000	1200	1400	1600	1800	2000	2200	AVG	N (1)	MAX (2)
01	0.5	0.4	0.4	0.5	0.7	1.1	1.1	0.4	0.4	0.4	2.6	3.8	1.05	12	3.8
02	3.1	2.7	3.1	3.3	2.9	2.5	1.0	0.6	0.8	1.2	1.5	0.8	1.98	12	3.3
03	1.0	1.2	1.3	2.3	2.0	1.8	0.8	1.1	1.2	1.0	1.5	0.7	1.37	12	2.3
04	1.1	0.4	0.7	0.6	0.6	0.9	0.7	0.4	0.7	0.7	0.8	0.5	0.72	12	1.1
05	0.7	0.4	0.5	1.2	1.1	0.9	0.5	0.2	0.6	1.1	0.9	0.2	0.72	12	1.2
06	0.4	0.1	0.4	0.3	0.8	0.6	0.3	0.8	0.4	0.5	0.1	0.7	0.50	12	0.8
07	0.3	0.5	0.1	0.9	0.4	0.8	0.7	0.8	0.4	0.8	0.7	0.5	0.61	12	0.9
08	1.0	1.5	1.4	2.2	1.2	0.6	0.4	0.6	0.3	0.5	1.4	1.2	1.06	12	2.2
09	0.8	1.3	0.7	2.1	1.7	1.4	0.5	0.7	1.0	1.9	2.7	4.4	1.48	12	2.7
10	2.4	2.0	2.2	2.9	2.1	2.0	0.9	1.0	0.9	1.1	2.3	1.8	1.84	12	2.9
11	1.9	1.5	1.8	2.4	2.0	0.8	0.5	0.7	0.7	1.0	1.2	0.7	1.31	12	2.4
12	1.1	0.7	1.3	1.1	1.3	1.2	1.5	0.8	0.9	1.1	0.8	0.7	1.07	12	1.5
13	0.5	0.9	0.8	0.5	0.7	0.5	0.0	0.5		0.8	0.9	0.3	0.62	11	0.9
14	0.6	0.7	0.7	0.9	0.6		1.4	0.6	0.9	0.8	1.2	2.9	1.07	11	2.9
15	3.1	2.4	2.4	2.6	2.1	0.7	0.5	0.7	0.4	0.6	0.5	0.4	1.41	12	3.1
16	0.6	1.0	0.7	1.1	1.5	1.2	1.1	0.6	0.7	0.8	1.2	1.8	1.07	12	1.8
17	1.5	2.6	3.4	4.2	2.3	1.1	0.5	0.3	0.4	0.9	1.2	0.4	1.61	12	4.2
18	0.8	0.3	0.6	1.1	0.5	0.1	0.6	0.2	1.1	0.8	0.7	0.7	0.67	12	1.1
19	0.9	0.3	0.5	1.1	0.9	0.3	0.5	0.2	0.1	0.5	0.4	0.2	0.54	12	1.1
20	0.2	0.1	0.1	0.3	0.3	0.6	0.5	0.4	0.5	1.4	2.3	1.7	0.74	12	2.3
21	1.7	1.1	0.9	2.0	1.3	1.7	2.0	2.0	0.9	1.0	1.0	0.5	1.39	12	2.0
22	0.3	0.3	0.6	0.2	0.8	0.6	0.3	0.4	0.3	0.7	1.5	1.2	0.65	12	1.5
23	0.1	0.4	0.4	0.4	0.4	0.5	0.1	0.3		0.2	0.6	0.2	0.36	11	0.6
24	0.5	0.1	0.5	0.5	0.5	0.5	1.0	0.4	0.5	0.3	0.4	0.4	0.50	12	1.0
25	0.2	0.1	0.2	0.3	0.6	0.6	0.5	0.8	0.7	1.1	1.5	1.0	0.67	12	1.5
26	1.6	1.1	0.9	0.4	0.7	0.6	0.5	0.2	0.1		0.3	0.6	0.70	11	1.6
27	0.1	0.7	0.7	0.7	0.5	0.1	0.4	0.5	0.2	0.5	0.8	1.4	0.59	12	1.4
28	1.2	1.0	0.8	1.4	0.7	0.3		1.1	1.3	0.8	2.6	4.0	1.42	11	4.0
29	3.8	2.1	3.0	2.7	3.2	0.8	1.6	2.1	0.9	2.0	1.8	1.2	2.14	12	3.8
30	0.8	1.0	1.5	1.9	1.5	0.7	0.6	0.6	1.2	1.2	1.0	0.8	1.10	12	1.9
31	1.0	1.5	2.7	2.8	1.9	0.8	1.3	1.0	1.7	1.*	1.1	0.6	1.50	12	2.8
AVG	1.09	0.98	1.13	1.44	1.20	0.87	0.74	0.67	0.69	0.90	1.20	1.10	1.00		
N(3)	31	31	31	31	31	30	30	31	29	30	31	31		367	
MAX*	3.8	2.7	3.4	4.2	3.2	2.5	2.0	2.1	1.7	2.0	2.7	4.0	2.14		4.2

(1) N=NUMBER OF VALID 2-HR SPOTS
(2) MAX=MAXIMUM 2-HR COH (DY)
(3) N=DAYS WITH VALID VALUES
* MAX=MAXIMUM 2-HR COH (MO)
VALUES GREATER THAN 6.0 UNDERESTIMATE ACTUAL VALUE

TABULATED 03/21/67

CONTINUOUS AIR MONITORING PROGRAM
AISI SPOT (COH/1000 LIN.FT.)

DAY OF MONTH — TIME (STARTING HOUR) — CINCINNATI OHIO — APRIL/66

DAY OF MONTH	0000	0200	0400	0600	0800	1000	1200	1400	1600	1800	2000	2200	AVG	N (1)	MAX (2)
01	1.0	0.6	1.0	0.7	0.2	0.3	0.8	0.8	0.5	0.8	0.7	0.7	0.71	12	1.0
02	0.8	0.9	0.8	0.7	0.9	0.4	0.4	1.2	1.5	3.1	3.9	4.1	1.61	12	4.1
03	1.0	0.6	1.0	1.5	2.1	1.4	1.2	1.3	1.5	1.4	1.0	0.2	1.22	12	2.1
04	1.1	0.9	1.5	0.9	0.6	1.1	0.8	1.0	1.3	0.7	1.9	2.6	1.25	12	2.6
05	1.5	2.0	2.9	2.0	1.3	0.5	1.6	1.5	1.1	0.8	0.3	0.2	1.35	12	2.9
06	0.4	0.5	1.6	1.8	1.6	1.3	1.3	1.4	1.3	1.8	1.3	1.5	1.36	12	1.8
07	0.9	1.1	2.1	1.8	0.3	0.3	2.4	1.8	2.1	2.3	2.6	2.2	1.79	12	3.4
08	2.3	1.2	1.9	1.7	1.7	0.8	0.9	0.3	0.3	0.5	0.6	1.0	1.13	12	2.3
09	0.8	0.9	0.9	4.2	1.3	2.1	1.7	1.7	1.1	1.2	0.8	1.1	1.53	12	4.2
10	1.1	0.9	0.9	0.9	1.1	3.1	2.1	2.7	3.0	1.6	1.5	0.9	1.70	12	3.1
11	1.5	0.7	0.4	0.4	0.7	1.1	1.6	1.2	2.0	1.8	2.0	1.3	1.28	12	2.0
12	1.6	1.3	0.9	1.2	1.0	1.4	1.6	1.3	1.6	1.8	1.7	1.7	1.46	12	1.8
13	2.3	1.7	1.8	0.4	2.2	1.7									
14															
15															
16															
17															
18															
19															
20															
21															
22															
23															
24															
25															
26															
27															
28															
29															
30															
AVG															
N(3)														144	
MAX*													1.79		4.2

(1) N=NUMBER OF VALID 2-HR SPOTS
(2) MAX=MAXIMUM 2-HR COH (DY)
(3) N=DAYS WITH VALID VALUES
* MAX=MAXIMUM 2-HR COH (MO)
VALUES GREATER THAN 6.0 UNDERESTIMATE ACTUAL VALUE

TABULATED 09/21/67

CONTINUOUS AIR MONITORING PROGRAM
AISI SPOT (COH/1000 LIN.FT.)

DAY OF MONTH — TIME (STARTING HOUR) — CINCINNATI OHIO — MAY/66

DAY OF MONTH	0000	0200	0400	0600	0800	1000	1200	1400	1600	1800	2000	2200	AVG	N (1)	MAX (2)
01															
02															
03															
04															
05															
06															
07															
08															
09									0.5	0.5	0.9	0.7			
10	0.9	0.6	1.8	3.1	1.0	0.9	0.7	1.1	1.1	0.4	0.8	0.1	1.08	12	3.1
11	0.4	0.8	0.8	1.3	1.8	1.5	1.1	1.4	1.2	1.6	1.8	1.3	1.31	12	1.8
12	1.6	2.1	1.4	0.8	1.6	0.7	0.5	0.7	0.2	0.1	0.5	0.4	0.92	12	2.1
13	1.0	0.7	1.1	0.9	0.9	1.2	0.6	0.9	1.7	0.9	1.3	1.4	1.10	12	1.7
14	1.1	1.2	1.3	1.4	1.2	1.1	0.4	0.8	0.8	0.3	0.9	1.3	1.02	12	1.4
15	1.5	1.5	2.0	2.0	1.9	0.6	0.7	0.6	0.5	0.7	1.1	1.5	1.25	12	2.0
16	1.7	1.5	1.1	1.3		1.0	0.9	0.7	0.7	0.6	1.6	2.1	1.24	11	2.1
17	1.9	1.9	1.9	2.4	1.5	0.8	0.7	0.7	0.7	0.6	1.2	0.9	1.31	12	2.4
18	0.6	0.9	1.2	1.2	1.0	0.9	1.0	0.4	0.4	0.6	1.1	1.1	0.90	12	1.2
19	1.2	1.0	0.8	1.7	0.8	0.6	0.5	0.4	0.3	0.3	0.9	1.6	0.87	12	1.7
20	1.0	1.5	2.2	1.2	0.7	0.6	0.5	0.2	0.2	1.0	1.2	2.7	1.12	12	2.7
21	2.4	1.9	1.7	1.5	1.1	0.6	0.7	1.5	1.2	0.7	0.7	0.9	1.29	12	2.4
22	1.1	0.7	0.5	0.6	0.4	0.3	0.3	0.3	0.8		0.5	0.7	0.62	11	1.1
23	0.5	2.0	3.2			0.6	0.5	0.3	0.2	0.2	0.4	0.6	0.91	10	3.2
24	0.8	0.2	1.0	0.3	0.5	0.3	0.3	0.4	0.3	0.2	0.4	0.3	0.46	12	1.0
25	0.4	0.4	0.4	0.7	0.4	0.2	0.2	0.0	0.2	0.2	1.0	1.0	0.47	12	1.0
26	1.4	1.3	1.2	2.2	2.8	1.0	0.7	0.6	0.4	0.1	2.1	2.4	1.40	12	2.8
27	1.8	2.4	1.4	2.4	1.5	0.7	0.3	0.4	0.4	0.8	2.4	1.7	1.39	12	2.4
28	1.7	1.0	0.9	0.5	0.6	0.5	0.2	0.5	0.6	0.2	0.6	0.8	0.71	12	1.7
29	0.3	0.6	0.4	0.8	0.0	0.3	0.4	0.2	0.2	0.4	0.1	0.8	0.42	12	0.8
30	0.2	0.6	0.8	0.8	0.4	0.2	0.3	0.4	0.2	0.5	0.6	1.6	0.58	12	1.6
31	1.6	0.8	1.3	1.2	0.7	0.3	0.4	0.6	0.5	0.4	0.9	1.2	0.86	12	1.6
AVG	1.14	1.14	1.29	1.34	1.04	0.67	0.54	0.59	0.58	0.51	1.00	1.20	0.92		
N(3)	22	22	22	21	20	22	22	22	22	21	22	22		260	
MAX*	2.4	2.4	3.2	3.1	2.8	1.5	1.1	1.5	1.7	1.6	2.4	2.7	1.40		3.2

(1) N=NUMBER OF VALID 2-HR SPOTS
(2) MAX=MAXIMUM 2-HR COH (DY)
(3) N=DAYS WITH VALID VALUES
* MAX=MAXIMUM 2-HR COH (MO)
VALUES GREATER THAN 6.0 UNDERESTIMATE ACTUAL VALUE

TABULATED 03/21/67

CONTINUOUS AIR MONITORING PROGRAM
AISI SPOT (COH/1000 LIN.FT.)

DAY OF MONTH — TIME (STARTING HOUR) — CINCINNATI OHIO — JUNE/66

DAY OF MONTH	0000	0200	0400	0600	0800	1000	1200	1400	1600	1800	2000	2200	AVG	N (1)	MAX (2)
01	1.3	1.0	1.0	1.3	0.8	0.3	0.4	0.4	0.5	0.5	0.6	0.1	0.72	12	1.3
02	1.5	1.4	2.5	2.3	0.8	0.6		0.2	0.4	0.5	1.1	2.1	1.26	11	2.5
03	1.5	1.9	2.1	1.8	1.4	0.4	0.2	0.4	0.5	0.5	0.6	0.4	1.02	12	2.1
04	0.6	1.1	0.9	0.5	0.3	0.4	0.5	0.5	0.4	0.5	0.7	0.7	0.63	12	1.1
05	0.5	0.6	0.4	0.3	0.3	0.3	0.3	0.5	0.3	0.2	0.3	0.0	0.36	12	0.6
06	0.2		0.5	1.0	0.3	0.2	0.8	0.5	0.6	0.3	0.4	0.4	0.52	11	1.0
07	0.4	0.3	0.3	0.7	0.9	0.2	0.0	0.6		0.2	1.6	1.2	0.61	11	1.6
08	1.1	1.2	0.9	0.5	0.7	0.4	0.5	0.3	0.4	0.1	0.8	1.6	0.75	12	1.6
09	0.4	0.5	0.6	0.9	0.6	0.8	0.4		0.5	0.4	0.1	0.2	0.55	11	0.9
10	0.2	0.1	0.2	0.5	0.5	0.4	0.0	0.5	0.3	0.2	0.3	0.1	0.31	12	0.5
11	0.1	0.2	0.2	0.4	0.1	0.4	0.1	0.1	0.2	0.4	0.9	1.4	0.42	12	1.4
12	1.6	1.6	1.4	1.0	0.3	0.1	0.0	0.4		0.4	1.0	1.3	0.87	11	1.6
13	0.9	1.5	1.1	1.3	0.2	0.6	0.7	0.5	0.2	0.3	0.6	0.4	0.74	12	1.5
14	0.1	0.3	0.7	0.2	0.3	0.5	0.1	0.4	0.4	0.3	0.2	0.6	0.30	12	0.7
15	0.3	0.9	0.9	0.5	0.3	0.3	0.5	0.4	0.7	0.3	0.3	0.2	0.51	12	0.9
16	0.4	0.6	0.9	0.4	0.4	0.0	0.3	0.2	0.4	0.3	0.4	0.7	0.50	12	0.9
17	0.5	1.0	0.6	0.4	0.5	0.3	0.4	0.2	0.9	1.3	1.1	1.2	0.77	12	1.3
18	1.9	2.6	1.5	0.3	0.1	0.3	0.2	0.6		1.2	1.2	1.1	1.03	11	2.6
19	1.4	1.6	1.2	0.3	0.2	0.2	0.0	0.1	0.4	1.0	1.4	1.0	0.77	12	1.6
20	1.7	2.0													
21					1.5	0.3	0.2	0.3	0.3	0.4	0.7	1.0	0.63	08	1.5
22	0.8	0.8	1.1	1.5	1.8	0.5	0.3	0.2	0.4	0.2	0.7	0.9	0.81	12	1.8
23	1.6	1.7	1.4	1.9	1.3	0.5		0.1	0.3	0.3	0.8	0.7	1.02	11	1.9
24	0.8	0.9	1.3	1.3	1.0	0.3	0.1	0.3	0.3	0.1	0.7	0.7	0.70	12	1.3
25	0.7	1.1	0.6	1.2	1.5	0.7	0.4	0.3	0.1	0.2	0.9	0.8	0.76	12	1.5
26	0.2	0.6	0.5	0.6	0.4	0.4		0.1	0.2	0.3	0.3	1.0	0.45	11	1.0
27	0.9	1.2	1.6	1.6											
28															
29															
30															
AVG	0.82	1.06	0.95	0.87	0.66	0.37	0.29	0.33	0.41	0.44	0.71	0.79	0.64		
N(3)	25	24	24	24	29	25	22	24	22	25	25	25		288	
MAX*	1.9	2.6	2.5	2.3	1.8	0.8	0.8	0.6	0.9	1.3	1.6	2.1	1.26		2.6

(1) N=NUMBER OF VALID 2-HR SPOTS
(2) MAX=MAXIMUM 2-HR COH (DY)
(3) N=DAYS WITH VALID VALUES
* MAX=MAXIMUM 2-HR COH (MO)
VALUES GREATER THAN 6.0 UNDERESTIMATE ACTUAL VALUE

TABULATED 03/21/67

CONTINUOUS AIR MONITORING PROGRAM
AISI SPOT (COH/1000 LIN.FT.)

DAY OF MONTH — TIME (STARTING HOUR) — CINCINNATI OHIO — JULY/66

DAY OF MONTH	0000	0200	0400	0600	0800	1000	1200	1400	1600	1800	2000	2200	AVG	N (1)	MAX (2)
01															
02															
03															
04															
05															
06															
07															
08															
09															
10															
11															
12															
13															
14															
15															
16															
17															
18															
19									0.5	0.1	0.5	0.8			
20	0.6	0.4	0.1	0.5	0.4	0.4	0.2	0.2		0.0	0.2	0.4	0.35	11	0.6
21		0.2	1.1	1.0	0.3	0.3	0.3	0.3	0.4	0.3	0.5	0.0	0.46	11	1.1
22	0.6	1.5	2.8	2.3	0.5	0.5	0.4	0.4	0.1	0.5	0.6	0.5	0.92	12	2.8
23	1.1	1.0	0.7	0.7	1.2	0.8	0.8	0.6	0.5	0.4	0.6	0.7	0.80	12	1.2
24	0.9	0.6	0.4	0.7	0.7	1.0	0.7	0.4	0.2	0.3	0.9	1.1	0.70	12	1.1
25	1.6	1.3	1.6	2.0	1.7	0.3	0.5	0.5	0.7	0.5	1.1	1.4	1.14	12	2.0
26	1.7	1.8	1.8	2.0	1.5	0.7	0.5	0.6	0.5	0.7	1.3	1.7	1.28	12	2.0
27	1.9	1.9	1.7	1.6	1.1	0.6	0.6	0.6	0.6	0.9	0.7	0.9	1.12	12	1.9
28	0.8	0.3	0.6	0.7	0.5	0.6	0.4	0.3	0.9	0.7	0.6	0.6	0.62	12	0.9
29	0.5	0.5	0.7	0.8	0.6	0.2	0.4	0.3	0.2	0.5	0.0	0.5	0.48	12	0.8
30	0.2	0.3	0.4	0.6	0.5	0.3	0.3	0.2	0.0	0.5	0.5	0.8	0.43	12	0.8
31	0.8	0.9	1.3	1.7	1.2	0.4	0.1	0.3	0.2	0.3	1.0	1.7	0.87	12	1.7
AVG															
N(3)														142	
MAX*													1.28		2.8

(1) N=NUMBER OF VALID 2-HR SPOTS
(2) MAX=MAXIMUM 2-HR COH (DY)
(3) N=DAYS WITH VALID VALUES
* MAX=MAXIMUM 2-HR COH (MO)
VALUES GREATER THAN 6.0 UNDERESTIMATE ACTUAL VALUE

TABULATED 03/21/67

CONTINUOUS AIR MONITORING PROGRAM
AISI SPOT (COH/1000 LIN.FT.)

DAY OF MONTH — TIME (STARTING HOUR) — CINCINNATI OHIO — AUG/66

DAY OF MONTH	0000	0200	0400	0600	0800	1000	1200	1400	1600	1800	2000	2200	AVG	N (1)	MAX (2)
01	1.8	2.2	2.3	1.9	1.9	0.3	0.2		0.9	0.4	1.1	0.5	1.27	11	2.3
02	0.6	0.4	0.5	0.5	0.4	0.8	0.8	0.4	0.5	0.2	0.9	0.8	0.61	12	0.9
03	0.3		0.3	0.3	0.7	0.2	0.1	0.3	0.1	0.4	0.0	0.3	0.32	11	0.7
04	1.1	1.4	1.4	1.9	1.4	1.0	0.4	0.5	0.4	0.5	0.9	1.9	1.10	12	1.9
05	2.7	1.8	1.8	2.8	2.1	0.9	0.8	0.6	0.9	0.5	0.9	1.1	1.45	12	2.8
06	1.5	1.4	1.4	1.8	2.8	1.6	0.5	0.8	0.5	0.4	1.1	1.7	1.34	12	2.8
07	1.4	2.1	1.4	0.8	0.7	0.3	0.2	0.3	0.6	1.0	0.8	0.7	0.90	12	2.1
08	0.8	0.9	0.5	1.2	1.0	0.9	0.7	0.4	0.3	0.4	0.5	0.8	0.75	12	1.2
09	0.9	0.7	0.8	0.9	1.2	0.8	0.5	0.7	0.5	0.6	0.9	0.8	0.82	12	1.2
10	0.7	0.7	0.6	0.5	1.1	0.9	0.4	0.5	0.6	0.7	0.5	0.4	0.67	12	1.1
11	0.5	0.5	0.3	0.2	0.3	0.7	0.8	0.9	0.6	0.3	0.6	0.7	0.56	12	0.9
12	1.2	1.1	1.3	0.9	1.8	1.6	0.6	0.4	0.5	0.9	0.8	1.1	1.06	12	1.8
13	1.4	0.6	0.5	0.2	0.4	1.3	0.5	0.6	0.5	0.6	0.6	1.0	0.71	12	1.4
14	0.6	0.7	0.4	0.2	0.2	0.2	0.3	0.3	0.3	0.5	0.2	0.2	0.38	12	0.7
15	0.4	0.3	0.3	0.0	0.5	0.6	0.5	0.5	0.3	0.4	0.4	0.6	0.44	12	0.6
16	0.4	0.1	0.3	0.5	0.4	0.4	0.9	0.4	0.6	0.6	0.4	0.9	0.55	12	0.9
17	0.6	1.0	1.6	1.5	2.0	2.1	0.8	0.6	0.7	1.1	0.6	1.4	1.22	12	2.1
18	2.1	1.7	1.9	2.3	2.4	1.7	0.7	0.5	0.6	0.3	1.0	0.8	1.38	12	2.4
19	1.5	1.5	1.5	2.0	3.0	2.5	1.3	0.2	0.6	0.1	0.4	0.4	1.31	12	3.0
20	0.5	0.3	0.5	0.6	0.7	0.7	1.0	0.7	0.5	0.4	0.6	0.5	0.63	12	1.0
21	0.6	0.3	0.6	0.1	0.3	0.2	0.7		0.2	0.1	0.3	0.6	0.39	11	0.7
22	0.2	0.5	0.6	0.4	0.8	0.6	0.6	0.2	0.4	0.6	0.4	0.7	0.54	12	0.8
23	1.1	1.0	0.4	0.5	1.1	0.7	0.1	0.4	0.6	0.3	0.4	0.7	0.64	12	1.1
24	0.6	0.7	0.9	1.8	1.7	1.1	0.2	0.4	0.3	0.5	0.6	1.2	0.87	12	1.8
25	1.2	1.8	1.7	1.3	1.6	1.6	0.3	0.2	0.3	0.2	0.3	1.0	1.00	12	1.8
26	1.4	1.3	1.2	0.8	1.7	1.8	0.4	0.3	0.4	0.5	0.7	1.2	1.02	12	1.8
27	1.5	2.1	2.0	2.9	2.7	1.4	0.7	0.5	0.1	0.5	0.5	0.8	1.34	12	2.9
28	1.4	1.3	0.9	0.8	1.1	1.5	1.3	0.6	0.5	0.4	0.5	0.8	0.97	12	1.5
29	1.6	1.8	1.8	1.8	2.8	2.3	1.0	0.7	0.5	0.7	0.7	2.1	1.53	12	2.8
30	2.3	2.2	2.8	0.3	1.0	2.7	2.0	1.7	0.4	0.8	1.4	1.1	1.60	12	2.8
31	0.9	1.8	1.2	1.9	2.5	3.6	1.5	1.1	0.8	1.5	1.5	2.1	1.76	12	3.6
AVG	1.09	1.14	1.08	1.08	1.36	1.19	0.67	0.54	0.48	0.52	0.66	0.93	0.90		
N(3)	31	30	31	31	31	31	31	29	31	31	31	31		369	
MAX*	2.7	2.2	2.8	2.9	3.0	3.6	2.0	1.7	0.9	1.5	1.5	2.1	1.76		3.6

(1) N=NUMBER OF VALID 2-HR SPOTS
(2) MAX=MAXIMUM 2-HR COH (DY)
(3) N=DAYS WITH VALID VALUES
* MAX=MAXIMUM 2-HR COH (MO)
VALUES GREATER THAN 6.0 UNDERESTIMATE ACTUAL VALUE

TABULATED 03/21/67

CONTINUOUS AIR MONITORING PROGRAM
AISI SPOT (COH/1000 LIN.FT.)

DAY OF MONTH — TIME (STARTING HOUR) — CINCINNATI OHIO — SEPT/66

DAY OF MONTH	0000	0200	0400	0600	0800	1000	1200	1400	1600	1800	2000	2200	AVG	N (1)	MAX (2)
01	2.6	2.8	3.0	3.4	3.9	3.3	2.3	1.0	3.8	1.3	1.0	1.8	2.56	12	3.9
02	2.3	2.6	2.6	2.4	3.0	3.2	0.8	0.5	0.7	1.1	0.9	1.2	1.82	12	3.2
03	1.9	1.9	1.2	1.4	1.0	1.1	0.7	1.0	0.5	0.4	0.5	0.3	1.03	12	1.9
04	0.5	0.5	0.3	0.2	0.3	0.5	0.4	0.4	0.2	0.2	0.7	0.5	0.42	12	0.7
05	0.4	0.3	0.4	0.4	0.1	1.1	0.3	0.2	0.4	0.2	0.0	0.6	0.41	12	1.1
06	0.4	0.9	0.9	1.3	2.1	1.9	0.5	0.3	0.4	0.7	0.6	0.9	0.95	12	2.1
07	1.4	2.2	1.8	2.4	2.9	1.9	0.5	0.2	0.5	0.4	0.5	0.6	1.33	12	2.9
08	0.4	0.4	0.2	1.1	2.0	1.5	1.8	0.5	0.5	0.4	0.3	0.6	0.85	12	2.0
09	0.5	2.0	2.6	3.2	3.6	2.2	0.8	0.3	0.6	0.7	1.3	2.2	1.70	12	3.6
10	2.5	2.4	2.6	2.1	2.3	1.3	1.3	0.6	0.7	0.7	0.9	2.1	1.66	12	2.6
11	2.7	2.4	2.1	1.4	1.1	0.9	0.8	0.7	0.7	0.6	0.5	1.6	1.33	12	2.7
12	0.7	0.6	2.0	1.1	1.6	1.8	1.5	0.7	0.9	1.3	1.1	1.4	1.27	12	2.0
13	0.9	1.7	0.9	0.7	0.9	0.8	0.5	1.0	0.6	1.2	0.7	0.7	0.91	12	1.7
14	0.4	0.4	0.5	0.4	1.0	1.0	1.2	0.8	0.9	1.0	0.9	1.9	0.91	12	1.9
15	1.8	1.2	0.8	0.4	0.3	0.8	0.9	0.6	0.4	0.6	0.8	0.9	0.83	12	1.8
16	1.6	1.3	0.9	3.2	4.5	3.0	0.8	0.5	0.5	0.4	0.8	2.3	1.69	12	4.5
17	3.4	3.2	3.6	3.8	4.0	3.5	1.2	0.5	0.4	0.7	0.8	1.2	2.24	12	4.0
18	1.6	2.4	2.5	2.1	1.2	1.5	1.3	0.6	0.6	0.9	0.6	1.5	1.44	12	2.5
19	0.8	1.2	0.5	0.6	0.8	0.6	1.1	0.7	0.7	0.7	0.5	0.5	0.77	12	1.2
20	0.5	0.2	0.1	0.2	0.6	1.0	0.7	0.8	1.1	1.0	0.9	1.5	0.77	12	1.5
21	1.4	2.0	0.6	1.6	1.3	1.4	1.3	1.0	0.7	1.0	1.6	1.1	1.29	12	2.0
22	0.8	1.0	0.7	0.8	1.2	0.9	1.0	0.5	1.1	0.8	1.0	1.4	0.97	12	1.4
23	1.0	1.1	0.6	0.6	0.8	1.2	0.5	0.5	0.5	0.7	0.6	1.5	0.85	12	1.5
24	1.7	1.8	1.9	1.2	2.3	3.8	1.5	0.4	0.5	0.5	1.4	2.1	1.63	12	3.8
25	2.3	3.3	2.8	1.9	0.5	1.1	0.5	0.8	0.6	0.8	0.8	0.6	1.37	12	3.3
26	0.7	0.4	0.3	0.4	1.1	1.1	1.0	0.6	1.0	0.9	0.9	0.8	0.81	12	1.1
27	1.2	0.4	0.9	0.7	1.2	1.4	1.6	1.3	1.2	2.0	1.8	1.9	1.34	12	2.0
28	1.8	1.9	1.0	1.5	1.8	2.3	2.2	1.2	1.2	1.1	2.0	2.7	1.77	12	2.7
29	2.9	2.8	1.9	1.4	1.8	1.3	1.0	0.6	1.0	0.9	0.5	0.8	1.43	12	2.9
30	0.9	0.0	0.5	0.6	1.0	1.6	1.3	1.1	1.2	1.5	0.9	0.9	1.01	12	1.6
AVG	1.40	1.51	1.35	1.42	1.67	1.63	1.04	0.66	0.81	0.82	0.86	1.27	1.20		
N(3)	30	30	30	30	30	30	30	30	30	30	30	30		360	
MAX*	3.4	3.3	3.6	3.8	4.5	3.8	2.3	1.3	3.8	2.0	2.0	2.7	2.56		4.5

(1) N=NUMBER OF VALID 2-HR SPOTS
(2) MAX=MAXIMUM 2-HR COH (DY)
(3) N=DAYS WITH VALID VALUES
* MAX=MAXIMUM 2-HR COH (MO)
VALUES GREATER THAN 6.0 UNDERESTIMATE ACTUAL VALUE

TABULATED 03/21/67

CONTINUOUS AIR MONITORING PROGRAM
AISI SPOT (COH/1000 LIN.FT.)

DAY OF MONTH	TIME (STARTING HOUR) CINCINNATI OHIO												AVG	OCT/66 N (1)	MAX (2)
	0000	0200	0400	0600	0800	1000	1200	1400	1600	1800	2000	2200			
01	1.1	0.8	1.2	0.9	1.1	0.7	0.5	1.2	1.5	0.8	1.3	2.2	1.15	12	2.2
02	3.0	2.2	1.9	2.1	3.0	2.6	1.9	0.2	0.5	0.9	1.3	1.4	1.79	12	3.0
03	1.7	1.1	1.4	1.3	2.6										
04															
05															
06															
07															
08															
09															
10															
11															
12															
13															
14															
15															
16															
17															
18															
19				0.7	4.5	1.1	0.7	0.5	0.9	0.8	0.8	0.7	1.24	09	4.5
20	0.6	0.7	0.8	1.1	1.1	1.0	0.3	0.5	0.3	0.6	1.7	2.6	0.99	12	2.6
21	2.6	2.3	2.3	2.3	3.6	2.4	1.2	0.6	0.7	0.7	1.2	1.2	1.79	12	3.6
22	1.1	0.6	0.8	0.9	1.1	0.8	0.4	0.7	0.8	0.8	1.7	1.0	0.90	12	1.7
23	0.5	0.6	0.6	0.7	1.5	1.6	0.6	0.1	0.4	0.6	1.4	2.4	0.96	12	2.4
24	2.4	3.2	3.3	3.6	4.8	6.7	2.9	0.4	1.0	0.9	2.6	3.6	2.98	12	6.7
25	3.5	3.5	3.2	2.2	2.4	2.3	1.5	1.2	1.1	0.9	1.1	1.3	2.05	12	3.5
26	1.7	2.7	2.0	1.9	3.3	2.7	1.5	0.8	1.3	1.1	1.3	2.2	1.91	12	3.3
27	3.0	3.2	3.7	3.1	5.5	6.2	4.5	1.5	0.9	1.6	2.8	3.8	3.36	12	6.2
28	4.3	4.0	3.4	4.2	5.2	4.6	2.5	0.9	1.3	1.6	2.1	1.8	3.04	12	5.2
29	1.6	1.6	1.8	2.5	1.4	1.5	0.9	1.0	0.8	1.1	1.2	1.7	1.47	12	2.5
30	1.6	0.9	1.0	2.0	3.0	3.9	0.7	0.7	0.9	1.0	1.5	1.6	1.60	12	3.9
31	1.5	1.2	1.8	1.2	2.7	2.1	1.6	1.4	1.6	2.5	3.0	1.4	1.87	12	3.0
AVG															
N(3)														177	
MAX*													3.36		6.7

(1) N=NUMBER OF VALID 2-HR SPOTS
(2) MAX=MAXIMUM 2-HR COH (DY)
(3) N=DAYS WITH VALID VALUES
* MAX=MAXIMUM 2-HR COH (MO)
VALUES GREATER THAN 6.0 UNDERESTIMATE ACTUAL VALUE

TABULATED 09/21/67

CONTINUOUS AIR MONITORING PROGRAM
AISI SPOT (COH/1000 LIN.FT.)

DAY OF MONTH	TIME (STARTING HOUR) 0000	0200	0400	0600	0800	1000	1200	1400	1600	1800	2000	2200	AVG	N (1)	MAX (2)
	CINCINNATI OHIO													NOV/66	
01	0.8	0.8	0.8	0.7	1.4	2.0	0.8	0.9	1.2	0.8	0.9	1.5	1.08	12	2.0
02	1.0	0.7	1.1	0.6	1.1	1.6	1.9	1.0	1.2	0.7	1.5	1.2	1.17	12	1.9
03	0.5	0.8	0.9	0.3	0.5	1.0	1.4	1.0	0.8	1.3	2.2	2.0	1.09	12	2.2
04	1.7	1.7	1.8	1.5	3.1	2.5	2.1	1.5	1.5	2.3	2.1	2.2	2.02	12	3.1
05	1.8	1.7	2.3	2.1	2.1	1.9	2.7	3.2	1.6	1.5	2.2	1.4	2.09	12	3.2
06	2.5	3.4	3.5	2.2	1.5	1.8	1.9	1.3	1.2	2.0	1.7	2.2	2.13	12	3.5
07	1.9	1.3	1.1	1.9	2.1										
08							0.7	1.2	2.4	1.7	1.0	0.8			
09	0.5	0.5	0.9	1.8	1.4	0.9	0.4	0.4	1.0	0.9	1.1	0.1	0.86	12	1.8
10	0.3	0.3	0.5	0.4	0.9	1.4	0.7	0.6	0.9	0.3	0.6	0.6	0.66	12	1.4
11	0.9		0.8	1.1	1.3	1.3	0.9	1.2	1.2	1.8	2.7	2.6	1.46	11	2.7
12	2.9	2.0	1.8	1.8	2.1	2.5	1.3	1.1	1.1	1.2	1.9	2.3	1.88	12	2.9
13	1.8	1.3	1.2	1.8	1.5	1.2	0.9	0.2	1.2	1.0	2.1	2.5	1.49	12	2.5
14	4.2	3.5	2.8	3.5	4.4	5.5	1.6	0.7	1.6	4.1	3.4	3.6	3.28	12	5.5
15	4.1	1.8	1.2	2.0	2.4	1.5	1.5	1.5	2.0	1.8	4.3	4.3	2.39	12	4.3
16	3.9	3.6	3.5	4.7	5.1	3.3	1.0	1.1	1.8	2.1	1.2	1.5	2.77	12	5.1
17	1.8	1.8	1.7	2.8	2.0	1.3	0.7	0.8	0.7	1.7	0.9	0.9	1.46	12	2.8
18	0.6	0.2	1.0	1.4	1.4	1.2	0.7	1.0	0.9	1.4	0.8	1.0	0.99	12	1.4
19	0.8	0.6	0.6	1.0	0.7	0.9	0.4	0.7	0.8	1.1	0.9	0.6	0.81	12	1.1
20	0.5	0.8	0.6	0.6	0.7	0.5	0.6	0.7	0.9	1.0	1.2	1.4	0.85	12	1.4
21	1.5	1.9	2.0	4.5	3.1	2.1	1.8	1.8	2.2	2.7	3.4	3.1	2.55	12	4.5
22	2.2	2.0	2.7	2.7	2.7	1.8	0.9	1.3	1.2	2.3	1.7	1.5	1.95	12	2.7
23	1.9	1.9	1.6	2.0	2.1	1.1	0.8	0.9	1.3	1.6	1.4	1.4	1.54	12	2.1
24	1.7	1.2	1.0	1.1	1.6	1.0	1.2	0.8	1.4	1.4	1.3	0.9	1.25	12	1.7
25	0.5	1.0	0.9	1.3	1.5	1.6	1.4	1.9	1.7	1.6	1.4	1.6	1.41	12	1.9
26	1.1	1.4	0.7	1.8	1.6	1.0	1.6	2.6	2.4	1.6	1.4	1.2	1.57	12	2.6
27	0.7	0.9	0.4	0.7	0.3	0.6	0.4	0.4	0.5	0.5	0.5	0.1	0.54	12	0.9
28	0.3	0.8		1.0	0.5	0.4	0.2	0.7	0.9	0.8	0.8	0.7	0.68	11	1.0
29	0.8	0.3	0.4	0.5	0.9	0.7	0.4	1.5	0.9	0.6	0.9	0.9	0.78	12	1.9
30	0.2	0.1	0.7	0.9	1.4	1.4	0.7	0.9	1.5	2.7	2.7	1.8	1.30	12	2.7
AVG	1.48	1.37	1.38	1.67	1.76	1.57	1.10	1.13	1.27	1.52	1.68	1.61	1.44		
N(3)	28	27	27	28	28	28	28	28	28	28	28	28		334	
MAX*	4.2	3.6	3.5	4.7	5.1	5.5	2.7	3.2	2.4	4.1	4.3	4.3	3.28		5.5

(1) N=NUMBER OF VALID 2-HR SPOTS
(2) MAX=MAXIMUM 2-HR COH (DY)
(3) N=DAYS WITH VALID VALUES
* MAX=MAXIMUM 2-HR COH (MO)
VALUES GREATER THAN 6.0 UNDERESTIMATE ACTUAL VALUE

TABULATED 03/21/67

CONTINUOUS AIR MONITORING PROGRAM
AISI SPOT (COH/1000 LIN.FT.)

DAY OF MONTH — TIME (STARTING HOUR) — CINCINNATI OHIO — DEC/66

DAY OF MONTH	0000	0200	0400	0600	0800	1000	1200	1400	1600	1800	2000	2200	AVG	N (1)	MAX (2)
01	1.2	1.1	0.8	2.4	1.5	0.9	0.9	0.8	1.2	0.8	0.9	0.6	1.14	12	2.4
02	0.4	0.6	0.4	1.0	1.1	1.0	0.9	0.7	1.1	1.1	1.1	1.5	0.94	12	1.5
03	1.3	1.2	1.4	1.6	2.4	2.3	1.0	0.5	0.9	1.0	0.7	0.7	1.29	12	2.4
04	1.3	0.8	0.6	0.8	1.2	1.3	1.3	1.7	2.0	2.5	2.1	1.8	1.48	12	2.5
05	2.3	1.7	1.5	2.2	2.3	2.2	1.9	1.7	2.1	1.4	1.4	1.4	1.89	12	2.3
06	1.3	1.4	1.3	2.0	2.4	1.7	1.7	1.5	1.5	1.0	1.3	1.2	1.57	12	2.4
07	0.9	0.2	0.9	1.5	0.8										
08						0.9	1.0	0.7	0.6	0.7	0.1	1.0	0.75	07	1.0
09	0.7	0.4	0.5	0.8	1.1	1.5	2.0	1.6	2.1	1.9	1.6	1.2	1.31	12	2.1
10	1.1	0.9	0.9	1.0	0.6	1.7	1.4	1.4	1.5	0.7	1.0	0.5	1.09	12	1.7
11	0.6	0.5	0.7	0.7	1.3	1.2	0.6	0.7	0.8	1.1	0.6	0.6	0.81	12	1.3
12	1.0	0.8	0.7	1.3	1.1	1.3	1.4	1.3	0.8	1.4	0.6	0.7	1.07	12	1.4
13	0.9	0.8	0.8	1.3	1.7	1.5	2.2	1.8	1.8	1.9	1.5	1.5	1.52	12	2.2
14	1.6	1.3	1.1	1.4	3.3	2.3	2.3	2.8	2.8	3.3	2.7	2.0	2.28	12	3.3
15	3.2	2.5	3.3	3.5	3.7	2.6	2.1	2.2	2.2	2.0	2.7	2.1	2.72	12	3.7
16	1.6	1.3	2.9	3.1	2.8	1.5	1.5	1.8	2.4	2.9	3.7	3.3	2.45	12	3.7
17	2.4	1.5	1.4	2.7	2.8	2.7	1.2	2.4	2.4	2.7	1.8	1.6	2.17	12	2.8
18	2.2	1.8	1.9	2.4	3.4	1.6	1.2	1.2	1.7	1.6	2.2	1.7	1.95	12	3.4
19	1.9	1.3	0.9	1.8	1.8	1.4	1.3	2.0	2.2	2.0	2.4	2.0	1.79	12	2.4
20	1.2	1.1	0.7	0.7	1.1	0.8	0.8	1.2	0.8	1.3	1.3	1.2	1.06	12	1.3
21	0.7	1.4	1.8	2.0	2.2	1.9	1.8	1.3	1.8	1.8	1.2	1.3	1.64	12	2.2
22	1.2	1.6	2.2	3.3	3.5	1.4	1.1	1.4	1.4	1.4	0.8	1.1	1.76	12	3.5
23	0.8	0.4	0.9	1.1	1.4	1.1	1.0	1.3	1.5	0.7	1.3	1.5	1.13	12	1.5
24	1.0	0.9	1.0	1.3	1.1	1.8	1.4	1.9	1.4	1.8	1.9	1.8	1.48	12	1.9
25	1.2	1.0	0.8	1.9	1.7	2.5	1.6	1.0	0.7	1.0	1.7	1.8	1.46	12	2.5
26	2.2	1.6	1.3	1.7											
27															
28															
29															
30															
31															
AVG	1.33	1.10	1.22	1.74	1.92	1.62	1.40	1.45	1.57	1.58	1.52	1.42	1.47		
N(3)	24	24	24	24	24	24	24	24	24	24	24	24		283	
MAX*	3.2	2.5	3.3	3.5	3.7	2.7	2.3	2.8	2.8	3.3	3.7	3.3	2.72		3.7

(1) N=NUMBER OF VALID 2-HR SPOTS
(2) MAX=MAXIMUM 2-HR COH (DY)
(3) N=DAYS WITH VALID VALUES
* MAX=MAXIMUM 2-HR COH (MO)
VALUES GREATER THAN 6.0 UNDERESTIMATE ACTUAL VALUE

NATIONAL AIR SURVEILLANCE NETWORKS

CONTINUOUS AIR MONITORING PROGRAM

1966 DATA TABULATIONS AND SUMMARIES

DENVER

Air Quality and Emissions Data Branch
National Center for Air Pollution Control

Bureau of Disease Prevention and Environmental Control
Public Health Service
U.S. Department of Health, Education, and Welfare

B

The Continuous Air Monitoring Program is the National Air Surveillance Network which operates six continuous monitoring stations in major cities throughout the country. The data tabulations in this booklet are summaries of hourly concentrations of gaseous pollutants in Denver during 1966. Also included is a brief summary of monthly means and maxima in Denver, and annual frequency distributions of data from all stations.

Booklets of 1966 data summaries for Cincinnati, Chicago, Philadelphia, St. Louis, and Washington D.C. are available. Similar data summaries have been or shortly will be published along with various analyses and interpretive material, for previous years' operations. Analyses of 1966 data will be published in the 1966 Annual Report of all National Air Surveillance Activities.

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NATIONAL AIR SURVEILLANCE NETWORKS
THE CONTINUOUS AIR MONITORING PROGRAM

MONTHLY MEAN AND MAXIMA SUMMARY

DENVER

Month	Days Valid Data	Mo. Avg. Conc.	Max. 24 Hr. Conc. Conc.	Day	Max. Hrly. Avg. Conc. Conc.	Day	Hr.	Max. 5 Min. Inst. Conc. Conc.	Day	Time
CARBON MONOXIDE										
Jan	31	8.6 ppm	15 ppm	6	45 ppm	4	19	63 ppm	4	1910
Feb	28	7.8	14	4	34	18	18	47	4	1710
Mar	31	6.1	11	25	20	10	16	34	19	1905
Apr	29	7.2	10	21	18	15	22	27	15	2230
May	30	7.0	12	6	20	3	07	27	3	0640
June	29	6.7	13	30	20	29	07	33	24	0640
July	18	8.0	14	3	19	2	23	28	25	0640
Aug	20	6.1	9	9	16	8	15	27	8	1550
Sept	29	8.2	14	20	30	21	07	35	21	0700
Oct	16	6.9	11	1	22	5	20	38	11	0650
Nov	23	11.6	18	16	49	16	17	63	16	1640
Dec	31	9.7	18	5	40	5	10	55	16	1915
Year	315	7.9	18		49			63		
NITRIC OXIDE										
Jan	31	0.083 ppm	0.16 ppm	21	0.52 ppm	4	19	0.59 ppm	30	2025
Feb	28	0.054	0.12	15	0.39	15	07	0.47	15	0710
Mar	29	0.028	0.05	2	0.18	2	08	0.23	2	0750
Apr	28	0.020	0.04	21	0.12	6	07	0.13	8	0720
May	31	0.012	0.03	9	0.12	10	06	0.25	10	0655
June	29	0.009	0.02	8	0.06	9	07	0.08	8	1555
July	16	a	0.01	8	0.05	8	06	0.08	8	0605
Aug	26	0.013	0.03	24	0.09	17	07	0.10	17	0655
Sept	26	0.026	0.05	16	0.16	28	20	0.21	6	0715
Oct	24	0.047	0.09	25	0.29	25	18	0.35	25	1900
Nov	30	0.076	0.13	19	0.47	15	18	0.54	15	1830
Dec	27	0.066	0.10	3	0.36	16	19	0.48	20	0810
Year	325	0.038	0.16		0.52			0.59		
NITROGEN DIOXIDE										
Jan	31	0.038 ppm	0.06 ppm	22	0.20 ppm	8	15	0.23 ppm	8	1540
Feb	28	0.042	0.07	4	0.15	7	12	0.16	7	1155
Mar	28	0.031	0.04	19	0.10	31	08	0.11	2	0805
Apr	29	0.030	0.05	21	0.10	21	10	0.11	21	0955
May	31	0.028	0.04	3	0.13	3	07	0.15	3	0740
June	30	0.025	0.03	2	0.07	3	08	0.09	3	0840
July	31	0.024	0.03	25	0.09	8	07	0.09	8	0705
Aug	25	0.029	0.04	25	0.09	17	08	0.11	3	1015
Sept	29	0.033	0.05	20	0.14	21	08	0.18	21	0805
Oct	24	0.041	0.07	5	0.14	5	09	0.18	28	0915
Nov	30	0.043	0.08	14	0.27	14	11	0.30	21	1020
Dec	28	0.041	0.08	5	0.33	5	11	0.35	5	1105
Year	344	0.034	0.08		0.33			0.35		

Month	Days Valid Data	Mo. Avg. Conc.	Max. 24 Hr. Conc. Conc.	Day	Max. Hrly. Avg. Conc. Conc.	Day	Hr.	Max. 5 Min. Inst. Conc. Conc.	Day	Time
SULFUR DIOXIDE										
Jan	29	0.020 ppm	0.04 ppm	27	0.22 ppm	27	0600	0.36 ppm	27	0610
Feb	28	0.010	0.03	15	0.10	15	0900	0.22	15	1000
Mar	31	0.009	0.03	25	0.10	25	0300	0.33	25	0350
Apr	30	0.014	0.02	11	0.10	21	0500	0.17	14	2355
May	30	0.012	0.03	29	0.11	29	0400	0.28	29	0400
June	30	0.012	0.03	29	0.09	6	2100	0.22	7	0330
July	31	0.016	0.03	8	0.15	8	2300	0.23	8	2330
Aug	26	0.011	0.03	25	0.26	25	0500	0.96	25	0520
Sept	29	0.003	0.01	6	0.13	2	2000	0.46	2	2050
Oct	24	0.005	0.01	29	0.06	4	2100	0.14	16	2335
Nov	29	0.009	0.01	3	0.07	13	1800	0.21	13	1830
Dec	28	0.007	0.02	10	0.09	10	1000	0.15	10	1055
Year	345	0.011	0.04		0.26			0.96		
TOTAL HYDROCARBON										
Jan	31	3.16 ppm	4.7 ppm	30	15.8 ppm	30	2000	19.1 ppm	30	2005
Feb	28	2.65	4.1	4	10.0	18	1800	16.9	4	1925
Mar	31	2.25	3.2	19	6.8	2	0800	10.0	19	0825
Apr	30	1.89	2.3	9	4.6	8	0700	7.1	15	2305
May	31	1.96	2.7	20	5.5	20	2100	6.9	20	2145
June	30	2.10	2.8	10	5.9	10	0600	8.0	10	0710
July	31	1.90	2.5	8	5.0	8	2100	7.3	14	0645
Aug	26	2.13	2.7	25	5.0	17	0700	7.3	8	1135
Sept	28	2.50	3.6	22	9.6	21	0700	12.2	21	0715
Oct	21	2.77	3.8	11	12.0	25	1800	14.3	11	1730
Nov	8	a	5.2	10	12.6	10	1600	16.0	28	1615
Dec	23	2.81	3.5	2	9.4	20	0800	16.9	20	0810
Year	318	2.37	5.2		15.8			19.1		
TOTAL OXIDANT										
Jan	29	0.012 ppm	0.03 ppm	11	0.09 ppm	18	1300	0.15 ppm	11	1240
Feb	27	0.018	0.04	27	0.08	27	1200	0.10	4	1430
Mar	27	0.026	0.05	30	0.10	30	1300	0.14	31	0905
Apr	26	0.032	0.04	14	0.16	20	1200	0.18	20	1220
May	31	0.039	0.05	21	0.15	27	0900	0.22	26	0935
June	23	0.039	0.06	21	0.16	3	0900	0.19	3	1000
July	13	a	0.07	31	0.16	5	0800	0.22	8	0725
Aug	26	0.044	0.05	16	0.16	16	0900	0.20	16	0950
Sept	25	0.036	0.07	23	0.23	23	1200	0.27	23	1240
Oct	22	0.029	0.06	5	0.19	5	1100	0.23	5	1155
Nov	22	0.022	0.04	14	0.14	14	1200	0.22	14	1240
Dec	26	0.014	0.03	5	0.08	5	1200	0.10	5	1240
Year	297	0.027	0.07		0.23			0.27		

*Excluding higher levels occurring before 1100 or after 1655

[a]Average not calculated because of insufficient or poorly distributed data

[b]Average not reported because of undue influence from non-photochemical high levels

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CONTINUOUS AIR MONITORING PROGRAM

FREQUENCY DISTRIBUTION OF CONCENTRATION OF GASEOUS ATMOSPHERIC POLLUTANTS

(FIVE MINUTE DATA VALUES)

JAN. 01,1966 TO DEC. 31,1966

(CONCENTRATION IN PPM)

	% VALID DATA	FREQUENCY DISTRIBUTION-PERCENT									ARITH MEAN
		MIN	10	30	50	70	90	95	98	99	MAX	
CINCINNATI												
CARBON MONOXIDE	74	0	2	3	5	6	8	9	11	13	32	4.9
NITRIC OXIDE	66	.00	.00	.01	.02	.04	.10	.16	.25	.33	1.18	.041
NITROGEN DIOXIDE	75	.00	.02	.03	.03	.04	.06	.07	.09	.10	.30	.035
SULFUR DIOXIDE	82	.00	.00	.01	.02	.03	.07	.09	.13	.18	.70	.031
HYDROCARBON	51	.4	1.8	2.1	2.3	2.7	4.1	4.9	6.0	6.6	12.8	2.67
TOTAL OXIDANT	51	.00	.01	.01	.02	.03	.04	.05	.07	.08	.11*	.021
CHICAGO												
CARBON MONOXIDE	57	0	5	9	11	15	21	25	30	33	65	12.5
NITRIC OXIDE	74	.00	.02	.05	.09	.13	.20	.24	.31	.37	.74	.101
NITROGEN DIOXIDE	77	.00	.03	.04	.05	.06	.09	.11	.13	.15	.35	.056
SULFUR DIOXIDE	70	.00	.00	.01	.03	.09	.25	.34	.48	.57	1.14	.034
HYDROCARBON	73	.0	1.7	2.2	2.6	3.0	4.0	4.7	5.9	6.6	14.9	2.73
TOTAL OXIDANT	58	.00	.00	.01	.02	.03	.04	.05	.07	.08	.23	.020
PHILADELPHIA												
CARBON MONOXIDE	97	0	3	5	6	8	11	12	15	17	47	6.7
NITRIC OXIDE	86	.00	.01	.02	.03	.06	.13	.18	.29	.42	1.98	.059
NITROGEN DIOXIDE	88	.00	.02	.03	.03	.04	.07	.08	.10	.11	.29	.038
SULFUR DIOXIDE	85	.00	.02	.04	.06	.10	.21	.28	.37	.44	.87	.091
HYDROCARBON	84	.0	1.7	2.0	2.2	2.6	3.5	4.2	5.3	6.3	14.4	2.46
TOTAL OXIDANT	76	.00	.01	.02	.02	.04	.07	.09	.12	.15	.38*	.032
DENVER												
CARBON MONOXIDE	84	0	2	5	7	9	14	17	22	27	63	7.8
NITRIC OXIDE	82	.00	.00	.01	.02	.04	.09	.14	.20	.26	.59	.038
NITROGEN DIOXIDE	87	.00	.02	.02	.03	.04	.05	.06	.09	.10	.35	.034
SULFUR DIOXIDE	92	.00	.00	.00	.01	.01	.02	.03	.05	.07	.96	.011
HYDROCARBON	84	.5	1.5	1.7	2.0	2.5	3.7	4.6	5.9	7.1	19.1	2.38
TOTAL OXIDANT	75	.00	.01	.01	.02	.04	.06	.07	.10	.12	.27*	.029
ST. LOUIS												
CARBON MONOXIDE	88	0	2	4	5	7	10	13	16	19	68	5.7
NITRIC OXIDE	78	.00	.00	.01	.02	.04	.08	.12	.17	.22	.61	.032
NITROGEN DIOXIDE	82	.00	.01	.02	.03	.04	.06	.07	.08	.09	.21	.034
SULFUR DIOXIDE	72	.00	.00	.01	.03	.05	.10	.14	.17	.23	1.25	.042
HYDROCARBON	81	.0	2.0	2.4	2.8	3.3	4.4	5.3	6.4	7.2	14.3	3.02
TOTAL OXIDANT	70	.00	.01	.02	.03	.05	.07	.08	.10	.11	.25	.036
WASHINGTON D.C.												
CARBON MONOXIDE	90	0	1	2	3	4	6	7	10	14	47	3.2
NITRIC OXIDE	85	.00	.00	.01	.02	.03	.08	.14	.25	.35	1.15	.036
NITROGEN DIOXIDE	72	.00	.02	.03	.03	.04	.06	.07	.08	.09	.19	.035
SULFUR DIOXIDE	68	.00	.01	.02	.03	.05	.09	.12	.17	.21	.47	.044
HYDROCARBON	89	.0	1.8	2.0	2.2	2.4	2.9	3.6	4.8	6.2	14.5	2.37
TOTAL OXIDANT	79	.00	.01	.01	.02	.03	.06	.07	.10	.11	.17*	.026

*Excluding higher levels occuring berore 1100 or after 1655

CONTINUOUS AIR MONITORING PROGRAM

FREQUENCY DISTRIBUTIONS OF SOILING INDEX

2 HR MEASUREMENTS

ANNUAL 1966 (JANUARY 1 TO DECEMBER 31)

COHS/1000 LIN. FT.

CITY	VALID DATA*	FREQUENCY DISTRIBUTION-PERCENT										ARITH MEAN
		MIN	10	30	50	70	90	95	98	99	MAX	
CHICAGO	70	.0	.7	1.2	1.8	2.7	4.4	5.5	7.1	8.7	16.4	2.29
CINCINNATI	80	.0	.3	.7	1.0	1.4	2.3	2.8	3.6	4.1	8.5	1.18
PHILADELPHIA	60	.0	.2	.4	.7	1.0	2.0	2.8	3.9	4.9	11.2	.96
ST LOUIS	90	.0	.4	.7	1.0	1.3	2.2	2.7	3.6	4.4	13.1	1.18
WASHINGTON, D C	95	.0	.2	.4	.7	1.1	1.9	2.5	3.3	4.0	11.1	.92

* REPORTED TO NEAREST FIVE PERCENT

VALUES GREATER THAN 6.0 UNDERESTIMATE ACTUAL VALUE

DATA TABLES

GASEOUS POLLUTANTS

The first 72 data tables present hourly average concentrations by month for the gaseous pollutants. Values in these tables are the arithmetic means of the 5-minute values in the clock hour indicated. An average is not calculated if the hour is considered an invalid data hour, i.e., if fewer than seven 5-minute values were valid. Similarly, if a calendar day had fewer than 13 valid data hours, it is considered an invalid data day and the entire row of averages for that day is deleted. The reason for this procedure, which results in the loss of a few valid hourly averages, is that the data that are thus lost are usually concentrated at the beginning or end of the day. Since pollutant concentrations show considerable diurnal variation, the inclusion of data for such days would introduce a definite bias into the monthly mean concentrations.

The first summary line at the bottom of the tables (titled MEAN) contains the arithmetic means of the hourly averages, and hence represents the pattern of diurnal variation for the month. Again by the same validity criterion, this average is not calculated unless 16 or more hourly averages are present. The second and third summary lines are the number of and maximum of the hourly averages in the column.

The first summary column at the right of the tables (titled DAILY MEAN) is the arithmetic mean* of the 13 or more hourly averages comprising the row, and the second is the number of such valid hourly averages. The third summary column, however, is not the maximum hourly average for the day, but the maximum 5-minute value included in the hours of valid data during the day.

Four summary figures appear in the lower right corner. The upper left is the monthly average, an arithmetic mean, and appears only if 16 or more days were valid (a valid data month). The center number is the total number of valid hours included in the table, which offers some basis for judging the representativeness of the monthly average. The lower left summary number is the maximum daily average from the column above. The lower right number is the maximum 5-minute value from the column above.

SOILING INDEX

The last 12 tables present soiling index values at the CAMP station by month. Each value was obtained from a 2-hour integrated sample beginning

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*The summary calculations are performed before the hourly averages are rounded.

at the time indicated in the column heading. A missing value indicated that the sample was not taken or was invalid because of instrument malfunction.

The first summary line (titled MONTHLY MEAN) represents the arithmetic mean of the 2-hour average values in the column, and is calculated only if 16 or more days are represented. The first summary column (titled DAILY MEAN) is the arithmetic mean of the 2-hour values for the day; if fewer than seven such values are present, the daily mean is not calculated, and the data are not included in the summaries, but the component 2-hour values for the day are not deleted from the table as is done with the data on gaseous pollutants.

The other summary columns and rows are the number of and maximum of the respective 2-hour values. Four summary figures appear in the lower right corner; the mean and maximum value for the month are the upper left and lower right figures respectively, while the center figure is the total number of values. The lower left summary number is the maximum daily average from the column above.

CONTINUOUS AIR MONITORING PROGRAM

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

DENVER, COLO.

CARBON MONOXIDE
JAN. 1966

PREPARED ANALYSIS

1*																												
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SAT., APR. 22, 1967

CONTINUOUS AIR MONITORING PROGRAM

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

Air Quality Section, Laboratory of Atmospheric and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

DENVER, COLO.

CONCENTRATION IN PPM
INFRARED ANALYSIS

CARBON MONOXIDE
FEB. 1966

DAY OF MONTH	AM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	PM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS	5 MIN. MAX
1	7		5	6	7	9	11	20	13	11	11	10	12	13	13	12	15	16	10	8	7	9	9	9	10.6	23	27
2	11	12	13	10	5	7	10	9	20	18	14	10	10	10	12	12	16	14	9	8	6	9	8	6	10.8	24	29
3	4	4	4	4	4	4	5	8	8	8	9	10	11	13	13	14	19	22	17	18	11	10	10	8	9.9	24	30
4	8	7	6	6	5	8	11	22	16	16	15	16	13	16	17	14	20	31	13	24	18	9	11	10	13.7	24	47
5*	10	7	7	6	5	5	7	9	16	11	10	13	18	15	11	10	8	10	9	8	12	11	9	9	9.9	24	26
6*	8	6	5	4	4	5	6	6	7	7	6	6	8	10	10	10	10	11	10	10	12	15	18	14	8.6	24	27
7	10	4	3	3	3	5	9	19	16	15	13		16	19	10	9	15	17	17	14	12	11	7	6	11.1	23	37
8	5	5	6	6	6	7	6	9	7	7	7	7	7	9	9	9	17	12	5	4	4	3	3	3	6.8	24	23
9	3	4	3	4	3	3	6	11	10	8	7	7	9	10	8	8	12	11	6	5	4	5	4	4	6.4	24	19
10	4	4	4	6	6	7	9	11	17	14	12	13	12	13	9	8	11	10	5	4	3	4	5	6	8.2	24	22
11	2	1	1	1	2	2	5	12	11	7	5	7	8	11	10	10	14	15	9	7	8	8	8	6	7.1	24	21
12*	6	6										8	7	8	7	4	3	4	3	3	3	2	2	1	4.4	15	13
13*	1	1	1	1	2	2	2	3	3	3	3	3	3	3	3	3	4	4	4	5	7	5	3	4	3.1	24	8
14	2	2	3	2	2	2	4	7	7	7		6	7	6	8	8	11	10	6	7	5	4	4	4	5.4	23	17
15	5	8	9	7	7	10	19	20	15	20	11	7	6	5	6	6	10	8	5	4	7	7	5	4	8.8	24	32
16	3	3	3	2	2	3	6	16	19	11	7	6	6	4	6	10	14	10	7	8	7	6	6	5	7.1	24	25
17	4	3	3	2	2	2	4	6	7	8	11	9	7	9	11	12	15	16	6	3	4	4	7	3	6.6	24	27
18	2	4	3	2	2	4	10	5	8	9	6	11	10	12	15	12	17	23	34	22	18	9	9	16	10.9	24	46
19*	11	9	10	7	6	7	4	7	9	9	9	9	8	8	9	10	9	10	8	7	7	4	4	3	7.6	24	21
20*	4	3	3	3	3	2	3	3	4	6	7	7	8	9	10	8	7	6	6	7	5	4	4	2	5.1	24	14
21	2	2	2	2	3	3	8	19	20	14		9	10	8	9	11	14	10	8	6	4	6	4	3	7.7	23	32
22	3	3	2	3	3	4	4	8	11	8	7	7	8	8	9	10	12	11	7	9	4	4	3	3	6.3	24	16
23	3	2	3	2	3	4	6	13	10	9	7	8	8	8	9	11	15	12	7	8	6	3	3	3	6.7	24	21
24	3	2	1	1	1	2	3	9	8	8	9	9	8	10	9	9	14	14	13	16	18	10	6	4	7.7	24	29
25	5	4	4	5	4	6	12	24	23	13	9	9	9	11	11	12	17	15	12	12	7	8	13	7	10.5	24	40
26*	9	6	6	3	4	5	4	5	7	6	8	10	10	8	9	7	8	9	7	5	4	4	5	6	6.3	24	17
27*	5	3	2	1	2	2	3	2	3	6	6	6	7	6	7	5	5	4	4	5	3	2	2	1	3.7	24	9
28	1	1	0	1	0	0	1	6	8	4			7	8	8	8	12	12	8	8	12	11	8	6	5.9	22	20
MEAN	5	4	4	4	4	4	7	11	11	10	9	9	9	10	10	9	12	12	9	9	8	7	6	6	7.8		
NO.	28	27	27	27	27	27	27	27	27	27	24	26	28	28	28	28	28	28	28	28	28	28	28	28		657	
MAX	11	12	13	10	7	10	19	24	23	20	15	16	18	19	17	14	20	31	34	24	18	15	18	16	13.7		47

* Indicates Saturday or Sunday
Local standard time used

TABULATED SAT., APR. 22, 1967

CONTINUOUS AIR MONITORING PROGRAM

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

DENVER, COLO.

CARBON MONOXIDE
MARCH 1966

INFRARED ANALYSIS

DAY OF MONTH	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	DAILY MEAN	NO. OF OBS.	DAILY MAX
1	4	3	2	2	1	2	4	8	7	7								14	12	8	8	13	6	5	6.1	17	21
2	5	5	3	4	3	4	6	14	16	9	7	5	7	8	9	9	12	11	4	4	3	3	2	1	6.7	24	32
3	1	1	1	1	1	2	5	7	5	4	5	5	5	5	5	6	7	4	4	3	2	1	1	1	3.3	24	11
4	1	1	1	2	1	2	4	7	4	4	4	3	2	1	3	4	5	2	0	0	0	0	0	0	2.1	24	10
5*	0	0	0	0	0	0	0	1	1	1	1	6	5	6	7	7	7	7	5	4	5	4	7	9	3.5	24	16
6*	5	4	3	2	2	3	4	2	2	5	6	6	6	6	7	6	7	6	4	4	3	4	6	4	4.4	24	10
7	5	4	2	1	2	2	4	13	14	6		7	8	9	10	10	12	10	6	7	8	8	6	5	6.9	23	20
8	5	4	4	3	2	2	4	11	9	7	6	7	7	8	8	9	12	10	6	3	5	10	9	7	6.6	24	17
9	5	2	1	1	1	2	3	13	9	10	8	8	8	9	11	9	11	11	9	8	9	10	6	5	7.0	24	18
10	5	2	2	1	1	2	3	11	11		10	7	5	6	9	12	20	10	6	6	4	6	5	2	6.2	23	31
11	2	1	2	1	1	3	8	11	8	6	7	6	7	7	8	8	13	10	7	7	8	9	5	5	6.3	24	25
12*	6	7	2	2	1	2	3	3	4	7	7	7	7	8	9	8	9	8	8	7	10	7	7	4	5.9	24	14
13*	6	4	4	2	2	3	4	3	4	4	5	6	7	7	6	6	7	8	9	9	7	9	8	10	5.7	24	16
14	5	2	1	1	1	2	3	9	9	8		8	7	8	9	8	13	11	9	9	10	14	10	7	7.0	23	21
15	6	4	2	1	1	1	3	10	9		9	9	9	8	10	10	12	13	12	12	9	6	5	4	7.1	23	18
16	4	3	4	4	3									6	7	7	10	8	7	4	4	5	4	4	5.2	16	13
17	4	2	1	0	0	1	3	5	5	2	2	4	4	4	4	4	6	4	2	1	1	3	1	1	2.7	24	15
18	1	1	0	1	1	1	2	6	4	4	6	7	7	7	7	8	10	9	4	6	5	6	7	4	4.7	24	17
19*	6	4	3	1	2	3	6	11	16	11	12	10	7	7	9	11	10	11	14	18	16	17	11	8	9.2	24	34
20*	4	4	4	3	4	3	2	4	4	4	4	5	4	4	5	4	4	5	6	4	4	6	5	6	4.2	24	10
21	5	3	1	0	1	1	3	7	7	6			6	7	9	8	11	9	8	6	5	4	4	3	5.2	22	15
22	3	3	4	3	4	3	5	12	10	6	6	6	5	6	7	7	9	7	5	5	4	4	5	3	5.5	24	20
23	2	2	2	1	2	2	4	9	9	6	7	8	8	9	9	9	12	9	6	6	6	5	6	8	6.0	24	16
24	5	3	4	5	5	7	10	12	13	9	9	10	10	11	13	13	14	12	13	13					9.5	20	24
25											13	13	13	12	14	15	18	14	9	8	8	8	7	9	11.4	14	24
26*	7	8	5	5	6	6	8	10	11	11	11	11	12	12	11	13	13	12	12	13	14	16	20	16	10.9	24	31
27*	10	15	11	7	7	10	8	5	7	8	9	8	5	6	5	5	6	5	6	5	4	6	4	3	6.8	24	19
28	1	0	0	0	1	2	5	11	17	10		6	5	8	7	8	10	8	5	3	3	4	5	3	5.3	23	25
29	5	2	0	0	1	1	3	9	9	4	5	5	5	6	5	6	9	6	6	5	5	4	3	3	4.4	24	15
30	1	0	0	0	0	0	2	11	12	6	8	11	11	14	14	15	15	16	10	10	10	13	12	7	8.2	24	22
31	5	4	4	4	5	5	8	19	16	8	8	12	12	14	10	11	11	9	9	10	8	8	6	5	8.7	24	27
MEAN	4	3	3	2	2	3	4	9	9	6	7	7	7	8	8	9	10	9	7	7	6	7	6	5	6.1		
NO. OF OBS.	30	30	30	30	30	29	29	29	29	27	25	28	29	30	30	30	30	31	31	31	30	30	30	30		708	
MAX	10	15	11	7	7	10	10	19	17	11	13	13	13	14	14	15	20	16	14	18	16	17	20	16	11.4		34

* Indicates Saturday or Sunday

Local standard time used

SAT., APR. 22, 1967

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of [illegible] and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONCENTRATION IN PPM
INFRARED ANALYSIS

DENVER, COLO.

CARBON MONOXIDE
APRIL 1966

DAY OF MONTH	AM 12	AM 12 1	AM 1 2	AM 2 3	AM 3 4	AM 4 5	AM 5 6	AM 6 7	AM 7 8	AM 8 9	AM 9 10	AM 10 11	AM 11 12	PM 12 1	PM 1 2	PM 2 3	PM 3 4	PM 4 5	PM 5 6	PM 6 7	PM 7 8	PM 8 9	PM 9 10	PM 10 11	PM 11 12	DAILY MEAN	NO OF HRS	5 MIN MAX
1	4	3	5	4	2	4	7	10	9	8	9	9	9	10	11	12	13	13	13	16	11	7	6	8	8.4	24	23
2*	3	5	10	6	5	4	5	7	9	7	7	8	10	10	9	8	8	7	5	5	5	5	4	4	6.6	24	16
3*	4	4	4	3	3	3	3	3	3	4	5	5	5	6	6	6	6	5	5	5	5	4	4	3	4.3	24	8
4	3	3	3	2	3	3	5	10	10				7	10	11	11	16	12	8	8	7	7	6	6	7.1	21	22
5	6	6	6	6	6	5	7	10	10	10	11	12	10	11	11										8.3	15	17
6										8	9	10	11	11	11	11	15	13	10	9	7	7	8	8	9.9	15	22
7	9	8	6	4	4	4	5			9	8	9	11	12		9	10	10	8						7.8	16	16
8										10	9	9	9	9	9	12	16	12	7	7	7	7	7	4	9.0	15	21
9*	4	4	5	5	4	4	7	8	9		7	8	9	9	9	10	9	8	8	9	11	12	10	7	7.6	23	17
10*	8	6	5	4	4	4	4	3	5	5	6	6	6	6	6	6	6	6	4	4	4	3	3	2	4.8	24	10
11	2	2	1	1	1	2	3		8	6			5	5	6	5	11	10	4	2	1	0			3.9	19	21
12																											
13												7	8	9	10	10	10	12	8	7	6	5	5	5	7.9	13	21
14	4	5	4	4	4	5	6	12	12	13	11	11	12	13	13	13	14	13	11	12	9	9	9	8	9.3	24	19
15	8	5	4	4	4	4	6	12	15	11	11	10	9	8	9	10	13	11	9	12	12	12	18	16	9.8	24	27
16*	7	6	6	5	5	6	5	9	10	11	10	10	9	8	9	10	9	9	11	14	18	17	8	8	9.1	24	23
17*	7	8	7	6	6	6	6	6	7	7	7	7	6	7	8	7	7	6	7	9	7	6	5	6	6.6	24	13
18	6	5	4	5	5	6	7	14	13	11			9	9	13	14	16	11	8	9	8	6	6	7	8.7	22	27
19	5	4	5	5	4	5	6	9	9	7	11	10	9	11	12	12	16	13	9	9	8	7	6	5	8.2	24	22
20	7	7	6	6	6	6	11	14	13	11	10	9	11	11	11	11	14	14	11	11	8	8	8	7	9.5	24	21
21	8	7	6	6	6	6	9	14	13	13		12	13	12	13	14	17	14	11	10	10	9	8	6	10.3	23	26
22	5	4	4	7	6	5	6	11	9	9	8	10	10	12	11	10	13	9	6	6	5	4	4	5	7.4	24	17
23*	5	4	4	1	2	4	5	3	5	6	7	9	7	9	8	8	8	7	5	4	5	4	3	3	5.2	24	15
24*	3	2	5	2	1	1	1	2	3	5	5	5	6	7	6	6	4	4	4	6	3	3	2	1	3.6	24	9
25	0	0	0	0	0	1	5	7			6	6	6	8	8	10	8	7	5	4	4	3	2	2	4.2	22	14
26	1	1	0	1	1	2	7	8	7	7	8	7	9	8	8	9	7	5	6	6	8	8	7	5	5.5	24	15
27	4	4	4	3	3	5	5	3	4	6	5	5	6	7	8	10	8	4	5	5	4	4	5	2	5.0	24	14
28	1	1	2	1	1	3	9	6	8	8	12	11	12	12	15	17	15	10	11	10	10	10	8	8	8.3	24	27
29	7	7	6	6	7	10	16	16	11	12	12	11	11	12	11	15	13	7	7	7	6	4	3	2	9.1	24	27
30*	4	5	2	1	2	2	3	4	4	6	7	11	13	12	12	10	11	9	8	5	5	8	5	3	6.2	24	16
MEAN	5	4	4	4	4	4	6	8	9	8	8	9	9	9	10	10	11	9	8	8	7	7	6	5	7.2		
NO	26	26	26	26	26	26	26	24	24	25	24	26	29	29	28	28	28	28	28	27	27	27	26	26		636	
MAX	9	8	10	7	7	10	16	16	15	13	12	12	13	13	15	17	17	14	13	16	18	17	18	16	10.3		27

* Indicates Saturday or Sunday
Local standard time used

TABULATED SAT., APR. 22, 1967

B 11

CONTINUOUS AIR MONITORING PROGRAM

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

Air Quality Section, Laboratory of [illegible] and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

DENVER, COLO.

CONCENTRATION IN PPM
INFRARED ANALYSIS

CARBON MONOXIDE
MAY 1966

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS	5 MIN. MAX
1*	3	4	3	3	2	2	3	3	6	8	6	6	7	7	7	7	7	6	7	7	5	5	4	3	5.0	24	12
2	2	2	2	2	3	4	9	11	9			8	11	10	10	13	11	9	10	10	8	7	8	8	7.4	22	20
3	7	6	5	5	5	9	19	20	14	14	13	11	10	6	8	12	11	9	11	9	10	10	9	8	10.0	24	27
4	7	8	7	8	6	7	10	13	13	16	16	15	14	13	13	17	14	12	12	13	12	10	9	8	11.3	24	26
5	8	7	7	6	7	9	15	14	14	16	15	12	12	12	11	12	13	12	11	10	11	9	9	8	10.8	24	25
6	7	7	7	6	6	7	12	11	12	13		14	14	15	15	16	16	11	14	16	15	14	13	12	11.8	23	26
7*	9	10	7	9	9	9	12	15	14	13	13	11	9	6	6	5	7	7	8	9	10	10	11	10	9.5	24	19
8*	5	7	9	9	7	6	4	4	6	5	6	7	8	8	7	7	8	7	8	7	6	5	5	5	6.4	24	13
9	4	4	4	4	3	5	9	11	10		6	9	9	11	14	18	11	8	7	7	9	6	6	6	7.9	23	22
10	4	4	3	4	7	9	13	13	8	7	9	7	8	8	10	10	10	9	7	8	8	7	5	7	7.7	24	19
11	5	5	5	5	6	8	12	11	8	8	9	9	10	9	10	12	10	7	6	5	5	5	4	4	7.4	24	17
12	4	4	4	4	4	5			6	4	5	6	6	8	8	11	10								5.9	15	16
13											10	9	11	11	12	15	9	8	9	9	9	10	8	8	9.8	14	22
14*	7	7	5	4	4	5	8	8	7	8	9	8	9	9	8	10	8	6	6	7	8	10	9	9	7.4	24	12
15*	9	8	7	6	6	8	5	4	4	6	7	7	8	8	9	8	8	7	9	11	10	9	6	6	7.2	24	18
16	5	4	4	4	4	5	9	8	9	13	14	11	12	12	12	12	11	9	9	9	9	9	7	8	8.6	24	21
17																											
18												5	7	7	6	8	7	7	6	5	4	4	3	3	5.4	13	13
19	3	2	2	2	2	3	7	5	5	6	6	6	6	6	6	10	7	6	6	6	6	7	7	5	5.2	24	15
20	3	2	3	2	4	6	7	9	8	9	9	7	6	8	8	12	10	6	6	9	11	14	8	6	7.1	24	20
21*	3	3	2	2	2	3	3	4	7	7	6	6	5	6	5	5	5	4	5	5	4	5	7	8	4.7	24	12
22*	5	5	3	2	2	2	2	1	2	3	3	5	4	4	4	4	4	3	3	3	3	4	4	1	3.0	24	9
23	1	1	1	0	0	2	7	6	5				4	6	7	9	8	6	6	6	5	5	5	6	4.5	21	13
24	4	5	5	5	5	8	11	13	11	7	4	2	2	3	2	7	3	1	1	2	3	4	3	3	4.6	24	20
25	1	0	0	0	0	2	7	8	7	4	3	4	6	7	8	12	10	8	7	8	9	7	9	7	5.5	24	16
26	6	6	5	4	3	6	9	13	11	10	9	9	9	10	10	9	7	5	5	6	7	7	6	4	7.3	24	18
27	4	3	3	3	6	8	12	18	11	12	9	7	7	8	6	9	7	5	5	6	7	6	5	3	7.1	24	22
28*	3	3	3	2	2	4	5	5	7	7	6	6	6	5	5	5	5	3	4	5	6	5	5	5	4.7	24	11
29*	3	4	3	2	2	2	2	3	3	4	4	4	4	4	4	4	4	5	6	4	3	3	2	3	3.3	24	11
30	1	1	1	1	2	2	3	3				5	7	7	8	8	8	6	8	7	6	6	6	6	4.8	21	14
31	5	5	5	4	6	6	12	11	9	10	9	10	8	12	10	11	12	8	6	7	7	7	5	4	7.7	24	19
MEAN	5	4	4	4	4	5	8	9	8	9	8	8	8	8	8	10	9	7	7	7	7	7	6	6	7.0		
NO.	28	28	28	28	28	28	27	27	27	24	25	29	30	30	30	30	30	29	29	29	29	29	29	29		680	
MAX	9	10	9	9	9	9	19	20	14	16	16	15	14	15	15	18	16	12	14	16	15	14	13	12	11.8		27

* Indicates Saturday or Sunday
Local standard time used

TABULATED SAT., APR. 22, 1967

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONCENTRATION IN PPM
INFRARED ANALYSIS

DENVER, COLO.

CARBON MONOXIDE
JUNE 1966

DAY OF MONTH	AM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	PM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS	5 MIN MAX
1	4	4	3	3	4	5	9	10	8	8	8	9	10	11	11	13	12	7	8	6	8	7	7	7	7.4	24	20
2	5	5	4	5	6	8	14	9	10	9	9	8	7	9	8	10	9	9	8	6	8	12	8	6	7.9	24	18
3	5	4	3	3	4	5	11	10	10	13	10	7	10	7	9	10	11	7	6	4	8	8	8	6	7.4	24	25
4*	7	7	4	3	3	4	6	6	5	7	7	6	6	5	6	7	8	6	6	9	5	6	4	4	5.6	24	14
5*	3	3	2	1	2	1	1	2	3	3	3	4	4	4	4	4	4	4	3	3	2	2	2	2	2.7	24	8
6	1	1	1	0	4	3	9	9	6			7	9	10	9	10	9	8	7	7	7	7	7	6	6.1	22	14
7	5	5	5	5	6	8	18	13	11	10	10	10	11	10	12	13	9	7	6	5	5	4	3	3	8.0	24	21
8	3	2	2	2	3	4	11	10	9	9	9	7	9	10	9	14	10	8	7	5	4	4	3	3	6.4	24	22
9	2	1	1	1	2	5	13	12	12	9	9	9	8	9	11	15	15	10	8	8	7	5	3	2	7.3	24	23
10	2	2	2	2	2	3	19	12	6	8	8	7	11	10	9	11	11	8	8	8	12	13	15	7	8.1	24	26
11*	3	3	3	2	4	4	6	5	6	6	6	5	7	7	6	7	6	5	5	5	6	5	7	4	5.1	24	14
12*	2	3	2	2	2	1	2	2	3	3	3	4	4	4	5	4	4	3	4	4	2	2	2	2	2.8	24	8
13	1	1	0	0	2	6	8	7			7	6	7	8	9	11	9	7	7	6	6	7	5	4	5.6	22	21
14						6	9	12	4	8	7	5	5	8	7	8	7	4	3	4	5	5	3	3	5.9	19	19
15	1	1	0	0	1	1	5	4	2	2	1	2	2	2	2	4	4	2	1	1	0	0	0	0	1.6	24	8
16											1	0	1	1	2	3	3	1	1	3	1	1	1	1	1.4	14	11
17													3	2	4	4	5	2	3	3	4	4	5	6	2.9	24	14
18*	0	1	1	1	0	1	3	4	7	4	3	3	3	4	4	4	4	4	3	4	3	3	3	3	3.2	24	6
19*	5	3	2	2	2	2	3	3	3	3	3	4			9	10	8	7	7	10	12	10	7	7	6.6	21	16
20	3	2	2	3	3	4	8	9	6																		
21	6	6	5	6	8	10	12	11	1		9	8	8	9	9	12	10	8	8	7	7	7	7	7	8.4	24	20
22	6	5	5	5	6	7	10	8			7	9	8	9	10	14	14	11	8	10	10	6	7	5	8.2	24	20
23	6	6	5	5	5	7	8	7			6	7	8	7	7	7	7	6	5	6	7	13	13	8	7.0	24	17
24	6	6	4	4	5	7	14	10	10	9	8	8	7	7	8	11	10	8	9	9	10	14	15	10	8.6	24	33
25*	7	7	5	4	5	6	6	5	5	6	6	6	6	6	6	6	6	5	6	6	6	6	6	6	5.8	24	11
26*	6	8	5	4	5	5	6	5	5	5	5	6	5	6	7	5	6	6	6	5	5	6	4	5	5.5	24	12
27	4	4	4	4	5	6	11	11	9	7	7					15	12	8	9	9	10	12	12	10	8.4	20	25
28	9	8	8	8	9	11	19	17	15	12	13	12	11	13	12	14	14	11	11	11	11	11	11	10	11.6	24	30
29	11	10	9	9	11	12	19	20	14	13	13	12	13	14	12	14	13	11	11	12	12	13	13	12	12.6	24	28
30	11	13	12	11	11	12	17	19	16	14	13	12	14	15	16	19	14	11	11	11	11	12	11	10	13.1	24	25
MEAN	4	4	4	4	4	5	10	9	8	8	7	7	7	8	8	10	9	7	6	6	7	7	7	5	6.7		
NO.	27	27	27	27	27	28	28	28	27	26	28	27	27	27	28	29	29	29	29	29	29	29	29	29		670	
MAX	11	13	12	11	11	12	19	20	16	14	13	12	14	15	16	19	15	11	11	12	12	14	15	12	13.1		33

* Indicates Saturday or Sunday
Local standard time used

TABULATED SAT., APR. 22, 1967

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Chemistry and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONCENTRATION IN PPM
INFRARED ANALYSIS

DENVER, COLO.

CARBON MONOXIDE
JULY 1966

DAY OF MONTH	A.M. 12	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS	5 MIN MAX
1	10	10	10	9	10	11	15	17	15	14	16	15	17	16	15	18	15	13	14	15	13	12	12	13	13.5	24	27
2*	12	13	11	11	11	12	13	14	14	13	16	13	14	13	13	14	14	14	14	15	16	14	14	19	13.6	24	27
3*	14	15	14	12	11	12	12	13	13	14	14	14	14	14	14	14	14	14	15	18	15	17	17	16	14.0	24	25
4																											
5																											
6																											
7																											
8																											
9*																											
10*																											
11																											
12																											
13																											
14		0	0	0	0	1	7	3	2	1	0	1	1	2	2	3	2	2	1	2	2	2	4	2	1.6	23	15
15	0	0	1	0	1	2	6	6	5	5	4	4	4	5	4	5	7	4	3	4	3	4	3	2	3.4	24	12
16*	3	2	1	1	1	2	4	4	4	6	5	6	5	5	5	6	6	5	5	5	5	4	3	4	4.0	24	12
17*	4	4	3	3	3	4	4	3	3	4	5	6	6	6	6	6	6	6	7	7	6	5	5	4	4.9	24	11
18	4	4	4	4	5	7	11	12				10	12	11	12	13	12	10	9	11	13	10	8	8	9.0	21	18
19	7	7	7	7	9	12	15	11	9	9	10	10	10	11	12	13	14	10	8	9	9	8	9	7	9.6	24	26
20	7	6	6	7	8	10	11	11	10	10	10	10	9	11	11	12	13	8	7	6	7	7	8	8	8.8	24	27
21	7	6	6	6	7	9	13	9	10	9	10	10	9	9	10	11	10	8	7	10	9	10	10	8	8.9	24	19
22	7	5	5	5	5	8	13	9	11	9	9	9	8	8	11	12	9	7	7	9	9	9	8	7	8.3	24	26
23*	7	6	5	5	6	7	9	9	8	9	10	9	9	8	10	8	7	7	11	10	12	15	12	6	8.4	24	24
24*	6	7	6	5	5	6	6	7	6	7	8	7	8	7	7	7	6	7	8	9	8	7	6	6	6.7	24	12
25	5	5	4	7	6	9	17	16	14	11	10			8	10	14	13	10	8	9	8	8	9	7	9.6	22	28
26																											
27																											
28												6	8	9	9	12	11	9	7	5	4	4	5	4	7.1	13	20
29	5	5	4	4	6	7	6	6	6	9	11	10	9	8	9	8	8	7	7	6	6	6	6	5	6.7	24	13
30*	4	5	4	3	3	4	5	5	5	7	8	8	9	9	10	9	9	8	8	7	6	6	6	5	6.4	24	11
31*																											
MEAN	6	6	5	5	6	7	10	9	9	9	9	9	9	9	9	10	10	8	8	9	8	8	8	7	8.0		
NO	16	17	17	17	17	17	17	17	16	16	16	17	17	18	18	18	18	18	18	18	18	18	18	18		415	
MAX	14	15	14	12	11	12	17	17	15	14	16	15	17	16	15	18	15	14	15	18	16	17	17	19	14.0		28

* Indicates Saturday or Sunday
Local standard time used

TABULATED SAT., APR. 22, 1967

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory [illegible] Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONCENTRATION IN PPM
INFRARED ANALYSIS

DENVER, COLO.

CARBON MONOXIDE
AUG. 1966

DAY OF MONTH	AM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	PM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5 MIN MAX
1										7	9	10	10		9	11	9	7	5	5	3	3	5	3	6.7	14	14
2	2	1	1	1	2	4	7	5	6	7	8	7	8	11	11	11	10	8	8	5	5	6	4	4	6.0	24	15
3	3	3	2	2	4	6	9	10	8	10	10	11	10	10	8	13	11	7	5	5	6	6	5	3	7.0	24	18
4	3	2	2	2	3	7	14	10	7	8	8	9	9	10	10	12	10	7	6	8	5	4	4	3	6.7	24	25
5	4	3	3	3	4	7	14	9	9	9	10	9	6	7	7	7	7	4	4	4	1	1	1	0	5.6	24	21
6*	0	0	0	0	0	1	3	6	4	4	4	4	4	4	4	4	4	3	4	4	5	3	1	1	2.8	24	9
7*	1	1	0	0	0	0	0	0	0	1	4	5	7	7	8	8	8	7	7	6	5	4	4	4	3.7	24	11
8	4	3	3	3	3	5	9	8	9			9	11	12	13	16	13	10	10	9	8	8	8	7	8.3	22	27
9	7	6	6	6	6	8	13	11	10	11	11	12	11	14	14	16	13	11	11	10	7	6	6	5	9.4	24	20
10	5	5	5	4	5	7	15	12	11	11	12	11	11	11	12	14	12	9	8	8	7	6	6	5	8.7	24	25
11																											
12																											
13*																											
14*	3	3	2	1	2	2	3	4	4	6	6	6	7	9	7	7	6	6	6	6	4	1	1	1	4.3	24	16
15	1	1	2	0	0	2	9	8	8	7	7			11	11	14	11	7	6	6	6	5	5	4	5.8	22	21
16	4	3	2	2	3	6	13	11	10	11	11	9	10	12	13	15	13	9	7	8	5	5	4	3	7.8	24	21
17	3	3	2	2	2	6	14	16	13	9	9	9	9	9	10			4	3	2	3	2	1	1	5.9	22	21
18	3	2	1	0	0	1	7	7	5	5	6	6	5	6	7	9	11	5	6	9	6	6	5	4	5.1	24	17
19	4	4	4	3	5	6	11	12	10	8	8	8	9	10	13	14	10	5	7	6	4	4	4	5	7.2	24	23
20*	5	4	2	1	1	4	4	5	5	6	6	6	6	7	5	4	5	4	4	5	7	10	5	3	4.7	24	13
21*	2	1	0	0	0	0	0	1	1	0	1	2	2	3	2	3	2	2	4	4	2	2	1	1	1.5	24	5
22	0	0	0	0	1	3	8	8	6	7	7	6	5		11	12	11	8	8	9	8	8	8	8	6.2	23	17
23	9	6	5	5	5	8	12	9	9	8	9	8	10	10	12	12	12	9	8	9	5	6	7	8	8.3	24	19
24																											
25																											
26																											
27*																											
28*																											
29																											
30																											
31																											
MEAN	3	3	2	2	3	4	9	8	7	7	8	8	8	9	9	11	9	7	6	6	5	5	4	4	6.1		
NO	19	19	19	19	19	19	19	19	19	19	19	19	19	18	20	19	19	20	20	20	20	20	20	20		463	
MAX	9	6	6	6	6	8	15	16	13	11	12	12	11	14	14	16	13	11	11	10	8	10	8	8	9.4		27

* Indicates Saturday or Sunday
Local standard time used

TABULATED SAT., APR. 22, 1967

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory [illegible] and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONCENTRATION IN PPM
INFRARED ANALYSIS

DENVER, COLO.

CARBON MONOXIDE
SEPT. 1966

DAY OF MONTH	AM 12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	PM 12-1	12-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5 MIN MAX
1								13	11	11	9	10	12	10	10	9	11	11	7	7	8	7	9	11	10	8.8	23	24
2		5	4	5	5	7		4	4	4	6	6	6	7	6	5	5	5	5	6	8	8	11	8	4	5.5	24	14
3*	3	5	3	3	3	3		1	2	3	4	5	5	6	6	6	5	5	5	9	13	12	7	3	2	4.6	24	18
4*	3	2	2	1	1	1		1	3	3	4	4	4	4	5	5	4	4	5	4	5	4	7	5	2	3.2	24	9
5	1	1	0	0	1	1		2	3	3	4	4	4															
6	2	1	0	0	2	8		14	16	10	7	9	7	7		10	12	10	10	9	7	7	7	5	4	7.1	23	25
7	5	5	4	3	4	10		19	14	10	8	9	7	9	7	9	13	11	8	8	8	9	6	5	3	8.1	24	27
8	3	4	3	2	4	5		13	16	11	8	8	7	7	8	8	13	10	7	16	22	22	12	6	5	9.1	24	30
9	3	3	2	2	2	5		13	15	13	11	8	7	9	8	9	11	9	5	7	6	4	3	5	4	6.8	24	21
10*	2	2	2	4	3	4		7	5	6	5	6	6	5	6	6	7	7	5	5	7	6	5	6	5	5.0	24	12
11*	5	4	2	2	2	2		5	3	5	4	5	5	5	5	6	7	6	5	4	3	3	3	3	3	4.1	24	10
12	2	1	1	2	3	7		16	19	11	8	6	5	5	6			11	9	9	10	7	7	7	7	7.2	22	25
13	6	6	6	5	5	7		11	14	13	12	10	9	10	10	11	13	13	11	9	6	5	4	4	4	8.5	24	24
14	3	3	3	3	3	4		8	8	10	10	8	9	10	9	11	12	9	7	7	6	6	5	4	3	6.7	24	17
15	3	3	2	2	3	5		13	10	8	8	7	7	7	9	9	14	10	8	5	5	5	5	3	4	6.3	24	22
16	4	4	3	4	4	6		10	12	8		8	8	9	9	9	15	14	11	12	13	13	13	11	12	9.2	23	27
17*	6	5	5	6	6	6		7	10	12	8	8	7	8	7	8	8	8	7	10	13	13	18	12	9	8.6	24	23
18*	5	5	5	4	4	5		5	4	5	7	7	8	7	7	8	7	7	8	11	9	8	6	5	5	6.3	24	14
19	5	4	5	4	5	9		19	13	8			10	12	12	14	17	16	13	12	13	11	10	12	10	10.6	22	25
20	9	11	10	11	11	13		19	21	18	18	16	13	14	14	15	17	17	13	14	15	16	16	17	11	14.4	24	28
21	9	9	8	8	9	15		25	30	19	12	12	12	13	12	13	16	16	13	17	17	15	15	12	10	13.9	24	35
22	8	8	8	7	8	12		18	16	15	16	15	13	13	14	14	16	15	11	14	16	16	23	15	12	13.4	24	31
23	8	11	7	6	7	9		15	19	15	13	13	14	14	13	12	16	18	17	14	15	19	18	13	13	13.0	24	31
24*	12	12	8	6	6	7		8	10	12	15	11	11	11	11	11	10	12	12	11	15	18	7	7	6	10.3	24	22
25*	7	7	5	4	6	5		5	5	5	6	7	8	8	8	9	9	8	7	7	7	6	7	4	4	6.4	24	12
26	3	3	3	4	4	6		15	12	10	9	10	10	10	10	9	14	10	7	6	6	4	4	3	3	7.3	24	28
27	3	3	3	3	3	6		12	11	7	8		5	6	6	6	9	6	4	4	3	2	3	1	1	5.0	23	18
28	0	0	0	0	1	2		6	6	5	6	6	9	10	11	12	14	13	14	23	24	26	10	15	11	9.4	24	34
29	7	6	5	5	6	8		14	15	15	16	16	14	14	15	14	16	19	11	9	8	8	7	7	6	10.8	24	24
30	6	6	6	6	5	6		10	11	10	10	11	10	12	10	10	12	12	9	9	10	9	9	9	9	9.1	24	21
MEAN	5	5	4	4	4	6		11	11	10	9	9	9	9	9	9	11	11	9	10	10	10	9	7	6	8.2		
NO	28	29	29	29	29	29		29	29	29	27	27	29	29	28	28	28	29	29	29	29	29	29	29	29		688	
MAX	12	12	10	11	11	15		25	30	19	18	16	14	14	15	15	17	19	17	23	24	26	23	17	13	14.4		35

TABULATED SAT., APR. 22, 1967

* Indicates Saturday or Sunday
Local standard time used

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONCENTRATION IN PPM
INFRARED ANALYSIS

DENVER, COLO.

CARBON MONOXIDE
OCT. 1966

DAY OF MONTH	AM 12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	PM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5 MIN MAX
1*	8	7	7	5	6	6	7	10	10	13	15	14		13	11	12	11	14	13	13	19	20	11	11	11	11.2	24	29
2*	10	8	6	6	7	6	6	6	7	8	9	10		10	10	10	9	9	10	10	8	5	5	5	5	7.7	24	15
3	4	4	3	3	4	5	9	7	6	5	6	6		7	7	9	10	9	7	6	7	5	5	4	5	5.9	24	17
4	5	5	3	3	3	6	14	14	8	8	9	8		8	9	9	12	10	8	8	9	9	9	8	5	7.9	24	21
5	4	5	5	5	4	6	16	12	11	14	12	9		8	9	10	15	17	15	12	14	22	20	8	5	10.8	24	28
6	4	4	2	2	2	6	15	14	12	11	9	8		9	10	10	13	13	15	16	9	10	11	13	9	9.4	24	24
7	8	5	2	2	3	5	12	14	11	11	8	9		8	10	10	13	12	7	8	5	5	5	3	3	7.4	24	21
8*	3	4	2	1	2	1	2	6	6	6	6	6			5	7	7	7	6	6	8	5	7	11	10	5.4	23	15
9*	8	9	3	2	3	1	1	1	2	3	3	4		5	5	6	5	6	6	6	5	6	4	4	5	4.2	24	12
10	6	1	0	1	1	3	12	8	7	6	6	6		6	6	7	11	9	11	11	7	10	5	9	12	6.7	24	18
11	7	6	3	3	3	11	20	17	7	8	7	7		8	10	6	9	11	17	14	15	8	3	4	4	8.6	24	38
12	4	2	1	2	3	6	16	17	14	9	7	8		9	8	11	14	11	11	10	10	14	5	6	5	8.4	24	23
13	4	4	1	1	3	5	10	10	6	6	6	7		8	11	9	8	6	3	5						5.9	19	19
14	0	0	0	0	0	0	3	5	5	3	2	2		2	3	3	7	7	4	5	4	4	4	2	3	2.7	24	17
15*	2	2	1	0	1	2	2	4	3	6	6	5		5	6	7	6	7	8	6	7	6	7	6	3	4.6	24	11
16*	2	2	0	1	3	1	0	0				4		5	5	6	5	6	6	6	6	4	5	8	2	3.6	21	11
17																												
18																												
19																												
20																												
21																												
22*																												
23*																												
24																												
25																												
26																												
27																												
28																												
29*																												
30*																												
31																												
MEAN	5	4	3	2	3	4	9	9				7			8	8	10	9	9	9						6.9		
NO	16	16	16	16	16	16	16	16	15	15	15	16		15	16	16	16	16	16	16	15	15	15	15	15		375	
MAX	10	9	7	6	7	11	20	17	14	14	15	14		13	11	12	15	17	17	16	19	22	20	13	12	11.2		38

TABULATED SAT., APR. 22, 1967

* Indicates Saturday or Sunday
Local standard time used

CONTINUOUS AIR MONITORING PROGRAM

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U.S. Department of Health, Education and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

DENVER, COLO.

CONCENTRATION IN PPM
INFRARED ANALYSIS

CARBON MONOXIDE
NOV. 1966

DAY OF MONTH	AM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	PM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS	5 MIN MAX
1																											
2																											
3																											
4																											
5*																											
6*																											
7																											
8	6	5	7	6	6	8	9	12	10	11	11	11	9	10	10	11	13	8	5	5	4	3	4	3	7.8	24	22
9	4	3	3	3	4	3	4	8	8	8	7	11	14	16	15	15	19	15	17	5	2	2	3	2	7.9	24	25
10	4	6	6	4	5	9	5	14	10	12	12	15	13	16	19	25	31	33	18	6	5	7	4	5	11.7	24	40
11	8	7	7	4	3	4	10	11	5	7	7	10	7	7	8	10	16	14	8	8	8	7	8	9	8.1	24	22
12*	7	5	5	3	4	6	10	13	18	9	10	9	10	10	9	8	10	11	16	16	12	21	15	14	10.4	24	30
13*	9	8	9	5	3	3	3	4	3	6	8	8	8	9	10	9	10	10	8	8	9	9	7	8	7.1	24	12
14	7	8	7	7	7	10	19	29	25	21		27	24	22	16	18	33	35	22	10	8	7	4	5	16.2	23	45
15	4	4	4	3	3	6	9	15	10	11	15	17	12	15	15	19	40	40	48	42	29	14	12	9	16.4	24	61
16	7	6	4	5	4	14	18	22	18	13	11	9	13	15	19	23	39	49	48	45	20	14	12	9	18.4	24	63
17	6	6	5	5	5	12	7	15	20	17	10	11	11	11	11	12	15	12	9	9	7	8	10	8	10.0	24	29
18	6	9	10	6	3	4	10	14	10	9	9	8	11	8	7	10	22	20	15	19	14	9	8	8	10.4	24	41
19*	8	7	4	2	5	2	12	19	13	10	13	10	10	10	11	13	17	20	27	36	26	18	10	12	13.2	24	50
20*	10	6	5	4	2	3	4	4	4	4	6	6		7	12	17	30	42	23	19	10	7	5	5	10.2	23	52
21	4	5	4	3	3	5	11	19	28	30	22	14	11	12	13	16	23	25	24	20	18	19	12	9	14.6	24	39
22	8	8	9	9	5	11	12	21	19	16	11	10	10	12	11	13	18	19	14	15	22	13	8	7	12.4	24	38
23	8	6	5	6	4	5	12	26	21	11	9	10	11	11	12	14	24	21	20	19	17	9	8	7	12.3	24	37
24	7	7	6	6	5	3	3	4	4	4	6	8	8	9	7	7	8	9	12	10	5	6	7	5	6.5	24	19
25	4	4	4	3	5	7	16	32	12	11	13	13	11	7	7	11	20	24	23	15	12	17	21	12	12.6	24	50
26*	12	7	10	6	4	4	14	11	3	4	6	8	8	6	5		7	8	7	8	7	7	8	8	7.3	23	23
27*	8	7	6	5	4	4	3	7	7	8	9	8	9	8	9	9	9	8	8	9	9	10	5	8	7.4	24	19
28	4	3	3	3	3					9	8	5	6		14	21	44	31	37	15	16	16	15	14	14.1	19	63
29	13	15	15	14	12	15	20	35	37	29	17	17		16	17	18	20	16	13	12	11	10	10	10	16.9	23	51
30	9	10	10	9	9	11	16	30	20	16	15	18	18	18	18	18	24	17	14	12	14	14	13	16	15.4	24	41
MEAN	7	7	7	5	5	7	10	17	14	13	11	11	11	12	12	14	21	21	19	16	12	11	9	8	11.6		
NO.	23	23	23	23	23	22	22	22	22	23	22	23	21	22	23	22	23	23	23	23	23	23	23	23		543	
MAX	13	15	15	14	12	15	20	35	37	30	22	27	24	22	19	25	44	49	48	45	29	21	21	16	18.4		63

* Indicates Saturday or Sunday
Local standard time used

TABULATED SAT., APR. 22, 1967

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONCENTRATION IN PPM
INFRARED ANALYSIS

DENVER, COLO.

CARBON MONOXIDE
DEC. 1966

DAY OF MONTH	AM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	PM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS	5 MIN MAX
1	16		6	6	6	7	10	15	13	12	13	14	12	13	15	15	20	15	10	8	8	9	8	7	11.7	23	26
2	7	6	6	7	7	8	12	18	21	21	19	18	14	14	15	16	25	19	12	14	14	14	16	13	13.9	24	35
3*	13	13	13	10	11	10	10	14	13	16	13	13	16	16	16	16	19	16	21	19	13	12	11	13	14.1	24	27
4*	10	10	11	11	11	12	9	9	9	8	9	12	12	13	12	14	14	15	15	13	11	13	15	11	11.5	24	19
5	8	9	11	11	6	9	20	22	35		40	34	25	15	14	16	17								18.2	16	46
6												10	11	16	13	14	20	16	10	7	5	6	5	4	10.4	13	25
7	4	3	4	4	4	4	5	14	14	12	11	10		9	11	10	15	12	10	5	5	7	6	4	7.8	23	23
8	4	3	2	2	2	3	5	10	12	11	8	7	9	9	10	9	20	14	5	4	5	4	2	1	6.7	24	31
9	2	2	1	1	1	2	4	9	9	7	10	7	6	4	5	5	8	10	3	3	1	2	3	2	4.4	24	21
10*	1	0	2	0	0	0	2	9	5	11	9	8	9	10	6	3	5	4	4	4	9	8	4	6	5.0	24	18
11*	6	9	12	4	6	3	1	0	0	0	0	1	1	1	1	1	1	8	8	11	4	1	0	0	3.3	24	20
12	0	0	0	0	0	0	2	5	5	4	4	9	8	8	12	12	24	23	27	22	10	9	8	8	8.3	24	43
13	8	9	6	4	4	6	9	16	11	11	14	13	12	13	13	14	27	29	13	13	11	11	8	6	11.6	24	46
14	5	5	5	5	6	10	10	17	16	17	14	20	15	16	11	11	16	15	15	10	8	8	8	8	11.2	24	28
15	8	7	4	3	2	4	6	11	11	8	6	7	8	10	12	13	17	19	13	13	10	9	6	5	8.8	24	26
16	2	2	2	1	0	0	1	6	5	7	8	11	13	11	11	13	29	30	24	40	21	10	9	8	11.0	24	53
17*	6	5	5	3	3	3	3	4	8	10	10	13	16	15	14	13	16	15	18	15	19	12	12	11	10.3	24	25
18*	8	7	8	7	7	6	5	5	6	8	10	10	7	9	10	10	14	17	32	19	10	10	7	6	9.9	24	44
19	6	4	4	4	4	5	7	12	13	10	11	13	14	14	12	13	17	14	16	18	16	14	10	8	10.8	24	30
20	6	5	6	5	5	6	16	25	33	29	21	13	11	11	14	17	34	27	19	16	12	11	10	11	14.6	24	53
21	8	7	7	6	7	10	10	19	18	22	15	15	14	15	15	17	22	20	15	21	17	13	6	6	13.4	24	30
22	5	5	4	3	4	6	8	20	11	8	8	10	9	9	11	12	16	12	8	7	6	6	5	5	8.2	24	29
23	6	5	4	4	4	4	5	9	10	9	13	11	12	14	14	13	17	21	19	23	22	26	18	12	12.3	24	34
24*	24	13	9	5	4	5	5	5	10	16	16	21	19	20	18	17	15	14	9	8	7	8	7	8	11.7	24	37
25*	6	7	6	5	5	5	6	7	5	5	7	8	7	6	7	8	8	12	15	16	13	13	12	11	8.3	24	24
26	9	9	7	6	5	8	9	8	7	8	8	7	7	7	7	6	7	6	6	6	6	4	5	4	6.8	24	11
27	4	3	3	3	4	4	6	11	11	10	8	8	8	9	9	10	15	12	8	6	7	7	6	4	7.3	24	24
28	4	4	4	3	3	3	4	7	8	10	10		11	13	14	12	13	10	6	6	4	5	6	3	7.0	23	19
29	2	2	3	2	2	2	3	11	9	8	10	13	12	12	10	10	14	15	11	12	11	11	8	7	8.3	24	23
30	5	4	4	5	3	5	5	16	10	14	13	13	13	13	13	12	16	16	15	12	12	7	8	10	10.2	24	24
31*	9	7	11	10	9	6	6	6	5	6	8	9	10	10	10	9	10	7	6	5	7	7	11	11	8.1	24	15
MEAN	7	6	6	5	4	5	7	11	11	11	12	12	11	11	11	12	17	15	13	13	10	9	8	7	9.7		
NO	30	29	30	30	30	30	30	30	30	29	30	30	30	31	31	31	31	30	30	30	30	30	30	30		722	
MAX	24	13	13	11	11	12	20	25	35	22	40	34	25	20	18	17	34	30	32	40	22	26	18	13	18.2		55

* Indicates Saturday or Sunday
Local standard time used

TABULATED SAT., APR. 22, 1967

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CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of [illegible] and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

DENVER, COLO.

CONCENTRATION IN PPM

COLORIMETRIC ANALYSIS

NITRIC OXIDE
JAN. 1966

DAY OF MONTH	AM 12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	PM 12-1	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5 MIN MAX
1*	.02	.03	.08	.06	.03	.08	.14	.13	.06	.02	.01	.01	.01	.01	.01		.01	.01	.01	.02	.02	.01	.01	.01	.01	.01	.035	23	.16
2*	.01	.01	.01	.01	.01	.02	.02	.01	.01	.02	.02	.02	.02	.01	.01		.01	.02	.04	.06	.08	.06	.07	.05	.04	.026	23	.10
3	.03	.02	.06	.04	.08	.12	.15	.16	.20				.12	.09			.05	.15	.19	.16	.10	.06	.07	.06	.03	.096	20	.28
4	.01	.00	.00	.01	.01	.02	.14	.19	.13	.07	.05	.05	.04	.02			.05	.18	.30	.33	.52	.23	.10	.08	.05	.111	23	.56
5	.03	.02	.02	.01	.02	.02	.04	.12	.14	.25	.09	.06	.05	.03			.04	.10	.21	.22	.09	.14	.08	.06	.06	.082	23	.33
6	.07	.03	.01	.01	.00	.03	.11	.35	.44	.36	.17	.04	.02	.02			.02	.08	.11	.18	.11	.02	.01	.07	.02	.098	23	.34
7	.01	.01	.02	.02	.02	.01	.03	.06	.12	.11	.07	.03	.01	.01			.03	.07	.12	.07	.09	.07	.08	.08	.05	.051	23	.16
8*	.03	.01	.01	.00	.01	.01	.02	.02	.02	.02	.03	.04	.08	.11			.21	.05	.14	.11	.07	.04	.02	.02	.03	.047	23	.23
9*	.10	.13	.02	.00	.00	.01	.04	.05	.02	.02	.01	.01	.01	.01			.01	.01	.02	.04	.08	.05	.11	.12	.14	.043	23	.17
10	.18	.17	.20	.23	.18	.19	.23	.25	.28			.09	.05	.02			.03	.09	.08	.07	.03	.05	.08	.06	.05	.124	21	.50
11	.04	.02	.03	.02	.02	.11	.19	.30	.32	.14	.09	.09	.05	.03			.03	.06	.07	.02	.01	.01	.01	.01	.01	.072	23	.41
12	.02	.01	.01	.01	.01	.02	.04	.10	.13	.14	.07	.03	.03	.02			.04	.08	.08	.05	.04	.04	.15	.14	.07	.057	23	.19
13	.03	.02	.02	.02	.02	.04	.05	.10	.13	.11	.07	.03	.02	.02			.04	.06	.08	.10	.18	.19	.14	.09	.07	.070	23	.22
14	.05	.03	.01	.01	.03	.02	.05	.11	.09	.11	.10	.06	.06	.08			.05	.04	.05	.06	.08	.07	.03	.03	.04	.055	23	.14
15*	.02	.02	.05	.02	.01	.02	.02	.02	.05	.04	.02	.03	.04	.05			.03	.04	.05	.04	.04	.03	.03	.02	.04	.031	23	.07
16*	.02	.01	.01	.01	.01	.01	.01	.02	.03	.02	.02	.02	.02	.03			.03	.04	.09	.11	.13	.11	.04	.04	.10	.040	23	.18
17	.10	.07	.07	.05	.03	.03	.06	.19	.22			.06	.04	.04			.05	.09	.17	.17	.16	.11	.09	.11	.14	.095	21	.26
18	.11	.06	.06	.02	.02	.03	.07	.16	.25	.14	.11	.07	.05	.03			.03	.09	.25	.27	.28	.23	.22	.16	.18	.123	23	.29
19	.12	.08	.09	.04	.05	.06	.08	.10	.13	.10	.07	.07	.07	.06			.07	.10	.14	.07	.06	.05	.04	.07	.06	.076	23	.17
20	.05	.02	.01	.01	.01	.02	.03	.09	.12	.10	.08	.08	.08	.08				.11	.15	.08	.09	.06	.07	.08	.18	.071	22	.20
21	.18	.16	.16	.07	.08	.12	.22	.37	.25	.24	.10	.05	.04	.05			.05	.07	.13	.18	.30	.27	.26	.12	.12	.155	23	.43
22*	.24	.29	.30	.21	.15	.09	.12	.10	.09	.06	.07	.11	.07	.05			.03	.04	.06	.08	.09	.14	.09	.11	.08	.116	23	.31
23*	.12	.29	.15	.27	.24	.27	.19	.16	.10	.04	.03	.02	.01	.02			.01	.02	.03	.05	.08	.08	.14	.20	.19	.119	23	.32
24	.11	.08	.06	.04	.04	.03	.10	.14	.14			.04	.05	.05			.04	.10	.16	.14	.16	.17	.16	.12	.06	.094	21	.23
25	.08	.06	.01	.01	.01	.01	.05	.14	.21	.27	.16	.11	.07	.06			.04	.08	.09	.07	.08	.04	.06	.07	.06	.078	23	.35
26	.06	.03	.03	.06	.06	.08	.12	.30	.39						.02		.04	.08	.13	.15	.12	.13	.12	.13	.11	.114	19	.41
27	.14	.12	.10	.15	.21	.14	.24	.35	.15	.09	.08	.08	.07	.09			.09	.12	.11	.06	.08	.09	.04	.05	.03	.112	23	.45
28	.02	.07	.08	.06	.08	.08	.18	.21	.19	.16	.11	.03	.02	.02			.03	.05	.07	.06	.13	.11	.05	.08	.09	.086	23	.24
29*	.12	.08	.04	.04	.05	.06	.09	.08	.13	.14	.15	.15	.13	.08			.04	.05	.05	.05	.06	.07	.10	.10	.12	.086	23	.17
30*	.11	.16	.15	.14	.06	.03	.03	.03	.05	.05	.04	.05	.02	.01			.03	.04	.12	.28	.32	.52	.33	.22	.24	.130	23	.59
31	.15	.13	.11	.08	.13	.14	.14	.20	.17			.03	.07	.06			.07	.08	.07	.03	.03	.03	.02	.02	.01	.083	21	.22
MEAN	.08	.07	.06	.06	.05	.06	.10	.15	.15	.11	.07	.06	.04	.04			.04	.07	.11	.11	.11	.10	.09	.08	.08	.083		
NO	31	31	31	31	31	31	31	31	31	25	25	30	30	29	1		30	31	31	31	31	31	31	31	31		697	
MAX	.24	.29	.30	.27	.24	.27	.24	.37	.44	.36	.17	.15	.13	.11	.02		.21	.18	.30	.33	.52	.52	.33	.22	.24	.155		.59

* Indicates Saturday or Sunday
Local standard time used

TABULATED: THU., MAY 4, 1967

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of [illegible]
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

DENVER, COLO.

CONCENTRATION IN PPM

COLORIMETRIC ANALYSIS

NITRIC OXIDE
FEB. 1966

DAY OF MONTH	AM 12	AM 12	AM 1	AM 1	AM 2	AM 2	AM 3	AM 3	AM 4	AM 4	AM 5	AM 5	PM 12	PM 12	PM 1	PM 1	PM 2	PM 2	PM 3	PM 3	PM 4	PM 4	PM 5	PM 5	DAILY MEAN	NO OF HRS	5 MIN MAX
1	.01	.01	.01	.02	.02	.06	.06	.24	.11	.08	.04	.03	.03	.02			.06	.08	.06	.05	.04	.05	.07	.05	.054	22	.31
2	.09	.14	.19	.19	.08	.08	.11	.07	.17	.20	.11	.06	.05	.03		.04	.08	.09	.05	.05	.04	.06	.08	.04	.090	23	.28
3	.02	.01	.02	.01	.03	.03	.06	.08	.09	.15	.11	.04	.02	.02		.03	.06	.13	.14	.19	.13	.08	.08	.07	.068	23	.24
4	.05	.05	.05	.04	.04	.07	.11	.25	.17	.11	.05	.05	.06	.04		.03	.04	.12	.09	.19	.15	.08	.08	.10	.085	23	.30
5*	.10	.07	.07	.05	.03	.03	.07	.09	.13	.13	.08	.07	.07	.04		.02	.01	.03	.04	.06	.10	.10	.07	.07	.065	23	.22
6*	.06	.04	.03	.01	.01	.04	.09	.06	.07	.08	.04	.03	.01	.01		.02	.02	.03	.06	.10	.13	.15	.27	.23	.068	23	.34
7	.20	.05	.03	.01	.03	.08	.12	.18	.16			.05	.07	.05		.02	.03	.08	.09	.11	.11	.10	.06	.06	.080	21	.28
8	.05	.03	.05	.06	.09	.06	.07	.06	.05	.04	.04	.03	.04	.03		.04	.07	.07	.03	.02	.02	.02	.01	.01	.042	23	.12
9	.01	.00	.01	.01	.01	.01	.02	.06	.08	.06	.03	.02	.02	.02		.02	.04	.05	.03	.01	.02	.01	.01	.01	.024	23	.11
10	.01	.01	.01	.02	.03	.04	.06	.07	.11	.08	.08	.05	.04	.02		.04	.06	.08	.07	.05	.03	.04	.05	.06	.046	23	.19
11	.05	.01	.01	.01	.01	.02	.03	.09	.15	.11	.07	.04	.03	.02		.02	.04	.07	.05	.05	.09	.05	.06	.06	.049	23	.17
12*	.04	.04	.04	.03	.03	.03	.05	.12	.21	.25	.07	.04	.03	.03		.02	.02	.02	.02	.01	.01	.01	.01	.01	.049	23	.29
13*	.01	.01	.01	.01	.01	.01	.01	.02	.03	.04	.04	.02	.02	.01		.01	.02	.03	.03	.06	.10	.10	.06	.05	.031	23	.12
14	.04	.02	.03	.03	.03	.04	.06	.08	.10		.02	.03	.02	.02		.03	.04	.06	.04	.07	.05	.04	.03	.02	.040	22	.14
15	.05	.14	.19	.17	.15	.23	.31	.39	.20	.20	.10	.04	.04	.03		.04	.05	.06	.04	.03	.05	.06	.06	.04	.116	23	.47
16	.03	.02	.02	.02	.02	.02	.06	.14	.19	.12	.06	.02	.02	.01		.05	.09	.09	.05	.07	.08	.07	.06	.05	.058	23	.22
17	.04	.03	.03	.03	.03	.02	.05	.08	.11	.05	.08	.05	.02	.02		.02	.05	.09	.06	.01	.02	.02	.04	.02	.042	23	.14
18	.01	.01	.02	.00	.00	.02	.09	.04	.04	.03	.02	.03	.02	.03		.04	.06	.11	.28	.21	.19	.09	.07	.13	.066	23	.38
19*	.16	.10	.13	.12	.10	.13	.05	.06	.07	.07	.06	.03	.02	.01		.02	.02	.02	.03	.06	.04	.03	.02	.02	.057	23	.22
20*	.02	.01	.01	.01	.01	.01	.02	.02	.03	.03	.02	.02	.03	.01		.02	.03	.03	.03	.06	.03	.02	.02	.02	.021	23	.06
21	.01	.01	.01	.01	.03	.05	.11	.20	.28			.08	.04	.03		.05	.08	.07	.04	.06	.03	.04	.03	.02	.060	21	.32
22	.02	.01	.01	.01	.01	.02	.04	.06	.09	.05	.02	.02	.03	.03		.04	.05	.07	.05	.06	.03	.03	.01	.01	.033	23	.10
23	.01	.01	.02	.01	.03	.04	.09	.15	.15	.08	.06	.06	.02	.02		.02	.05	.06	.03	.05	.07	.02	.03	.03	.047	23	.18
24	.05	.03	.03	.03	.04	.03	.05	.10	.10	.08	.08	.04	.04	.02		.02	.03	.05	.06	.10	.15	.12	.06	.03	.058	23	.18
25	.03	.03	.03	.04	.03	.05	.12	.21	.30	.13	.06	.06	.05	.04		.05	.06	.08	.09	.08	.05	.05	.09	.05	.077	23	.38
26*	.07	.04	.05	.02	.03	.04	.05	.04	.07	.05	.04	.03	.02	.03		.02	.02	.03	.03	.03	.03	.02	.02	.05	.036	23	.08
27*	.04	.02	.01	.00	.01	.01	.01	.02	.02	.04	.02	.02	.01	.01		.01	.00	.01	.01	.03	.02	.02	.01	.01	.016	23	.05
28	.01	.00	.00	.00	.01	.01			.05			.01	.03	.02		.02	.03	.04	.04	.08	.07	.11	.09	.07	.034	19	.14
MEAN	.05	.03	.04	.03	.03	.05	.07	.11	.12	.09	.06	.04	.03	.02		.03	.04	.06	.06	.06	.07	.06	.06	.05	.054		
NO	28	28	28	28	28	28	27	27	28	24	25	28	28	28		27	28	28	28	28	28	28	28	28		634	
MAX	.20	.14	.19	.19	.15	.23	.31	.39	.30	.25	.11	.08	.07	.05		.05	.09	.13	.28	.21	.19	.15	.27	.23	.116		.47

* Indicates Saturday or Sunday
Local standard time used

TABULATED THU., MAY 4, 1967

CONTINUOUS AIR MONITORING PROGRAM

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

Air Quality Section, Laboratory of [illegible] and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

DENVER, COLO.

CONCENTRATION IN PPM

COLORIMETRIC ANALYSIS

NITRIC OXIDE
MARCH 1966

DAY OF MONTH	AM 12	AM 1	AM 2	AM 3	AM 4	AM 5	AM 6	AM 7	AM 8	AM 9	AM 10	AM 11	PM 12	PM 1	PM 2	PM 3	PM 4	PM 5	PM 6	PM 7	PM 8	PM 9	PM 10	PM 11	DAILY MEAN	NO. OF HRS.	DAILY MAX.
1	.04	.03	.03	.02	.01	.02	.01	.04	.05	.03	.03	.03	.03	.02			.06	.06	.07	.05	.04	.10	.08	.05	.040	22	.13
2	.05	.05	.09	.06	.03	.05	.06	.15	.18			.04	.02	.03		.05	.07	.07	.03	.02	.01	.01	.02	.01	.051	21	.23
3	.01	.01	.01	.00	.01	.01	.03	.07	.05	.04				.02		.03	.04	.03	.03	.03	.01	.00	.00	.00	.021	20	.08
4	.00	.00	.01	.01	.01	.02	.04	.05	.05							.02	.04	.03	.02	.02	.01	.01	.01	.00	.020	18	.08
5*	.00	.00	.01	.01	.02	.02	.02	.04	.04	.03		.03	.02	.01		.01	.02	.02	.03	.03	.03	.04	.06	.12	.027	22	.17
6*	.08	.07	.05	.03	.04	.05	.11	.04	.02	.03	.02	.01	.02	.01		.01	.01	.02	.02	.04	.03	.03	.07	.05	.037	23	.13
7	.10	.08	.05	.02	.03	.05	.05	.11	.16				.01	.02		.02	.04	.04	.03	.03	.04	.06	.07	.05	.051	20	.17
8	.05	.05	.04	.04	.03	.02	.03	.09	.10	.05	.02	.02	.01	.01		.02	.04	.06	.05	.03	.04	.08	.11	.10	.047	23	.16
9	.07	.06	.03	.02	.02	.02	.03	.10	.11		.02	.02	.02	.01		.02	.03	.04	.04	.04	.06	.07	.06	.04	.040	22	.15
10	.05	.02	.02	.01	.02	.02	.04	.08	.14	.10	.07	.03	.01	.01		.03	.06	.06	.02	.03	.01	.03	.03	.02	.039	23	.18
11	.01	.00	.01	.01	.01	.03	.09	.11	.06	.03	.03	.01	.02	.02		.01	.03	.04	.03	.02	.04	.08	.06	.04	.034	23	.13
12*	.07	.07	.03	.02	.02	.03	.04	.02	.02	.03	.01	.01	.01	.01		.01	.01	.01	.02	.02	.04	.05	.04	.03	.026	23	.09
13*	.04	.03	.03	.01	.01	.02	.03	.03	.02	.01	.01	.00	.00	.00		.00	.01	.02	.03	.04	.03	.05	.04	.09	.023	23	.11
14																											
15																											
16	.01	.01	.01	.01	.01	.01	.04	.04	.02	.02	.01	.01	.01	.01		.01	.01	.01	.01	.00	.00	.01	.00	.00	.012	23	.06
17	.01	.00	.00	.00	.00	.00	.02	.03	.04	.01	.00	.01	.00	.00		.00	.01	.01	.01	.00	.00	.02	.01	.01	.008	23	.06
18	.01	.01	.00	.02	.03	.03	.03	.06	.04	.02	.02	.01	.01	.01		.01	.03	.04	.02	.01	.02	.02	.03	.02	.022	23	.07
19*	.03	.02	.02	.03	.02	.02	.06	.11	.13	.10	.06	.02	.01	.00		.01	.01	.03	.05	.10	.07	.11	.07	.05	.048	23	.19
20*	.02	.01	.01	.01	.02	.02	.01	.02	.02	.00	.00	.00	.01	.01		.01	.01	.02	.02	.02	.02	.03	.04	.05	.016	23	.07
21	.05	.04	.03	.01	.01	.02	.04	.05	.03			.01	.01	.01		.01	.01	.02	.01	.01	.01	.02	.01	.01	.019	21	.06
22	.00	.00	.00	.00	.00	.00	.01	.04	.07	.04	.02	.02	.02	.02		.03	.05	.04	.03	.03	.02	.03	.04	.03	.023	23	.09
23	.02	.01	.01	.01	.02	.03	.03	.06	.06	.02	.02	.02	.02	.01		.01	.02	.03	.02	.02	.02	.02	.02	.08	.025	23	.13
24	.05	.02	.02	.03	.03	.07	.13	.10	.10	.07	.02	.01	.01	.01		.01	.01	.01	.02	.04	.07	.08	.09	.04	.044	23	.17
25	.02	.02	.02	.01	.01	.02	.02	.04	.06	.03	.01	.01	.01	.01		.01	.01	.02	.01	.01	.01	.01	.01	.02	.017	23	.07
26*	.05	.02	.02	.01	.02	.03	.04	.05	.03	.01	.01	.00	.00	.00		.00	.00	.01	.01	.01	.02	.04	.06	.08	.022	23	.12
27*	.04	.05	.07	.03	.02	.05	.05	.02	.01	.01	.00	.00	.00	.00		.00	.00	.00	.00	.01	.01	.01	.02	.01	.017	23	.08
28	.00	.00	.00	.00	.00	.02	.04	.04	.05				.01	.00		.01	.02	.02	.02	.01	.01	.03	.03	.04	.017	20	.08
29	.05	.06	.02	.01	.03	.04	.05	.05	.06	.03	.01			.01		.00	.01	.02	.01	.02	.03	.03	.02	.02	.027	23	.08
30	.01	.01	.00	.00	.00	.00	.03	.06	.04	.02	.01	.01	.01	.01		.01	.01	.01	.01	.02	.01	.03	.05	.03	.016	23	.07
31	.02	.02	.02	.01	.00	.01	.02	.07	.06	.01	.00	.01	.01	.01		.01	.01	.01	.01	.02	.01	.01	.02	.01	.016	23	.10
MEAN	.03	.03	.02	.01	.02	.02	.04	.06	.06	.03	.02	.01	.01	.01		.01	.02	.03	.02	.02	.02	.04	.04	.04	.028		
NO.	29	29	29	29	29	29	29	29	29	23	22	24	26	28		28	29	29	29	29	29	29	29	29		644	
MAX	.10	.08	.09	.06	.04	.07	.13	.15	.18	.10	.07	.04	.03	.03		.05	.07	.07	.07	.10	.07	.11	.11	.12	.051		.23

* Indicates Saturday or Sunday
Local standard time used

TABULATED THU., MAY 6, 1967

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of [illegible] and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONCENTRATION IN PPM

COLORIMETRIC ANALYSIS

DENVER, COLO.

NITRIC OXIDE
APRIL 1966

DAY OF MONTH	AM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	PM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS	5-MIN MAX
1	.01	.02	.01	.01	.01	.02	.06	.06	.04	.02	.01	.01	.01	.01		.02	.02	.03	.03	.05	.04	.03	.03	.02	.024	23	.08
2*	.03	.01	.03	.02	.00	.01	.01	.02	.02	.01	.00	.00	.00	.01		.01	.01	.01	.01	.01	.01	.01	.01	.01	.010	23	.05
3*	.01	.01	.01	.00	.00	.00	.01	.01	.01	.01	.01	.01	.01	.01		.01	.01	.01	.01	.02	.02	.02	.03	.02	.010	23	.03
4	.01	.02	.01	.01	.01	.02	.03	.06	.07				.01	.02		.03	.04	.05	.02	.02	.02	.01	.03	.03	.024	20	.09
5	.01	.01	.01	.01	.01	.02	.02	.05	.05	.03	.02	.01	.02	.03		.02	.02	.01	.01	.01	.02	.02	.04	.02	.019	23	.06
6	.01	.01	.01	.02	.02	.06	.08	.12	.05	.01	.01	.01	.01	.02		.02	.04	.06	.03	.02	.01	.01	.03	.05	.030	23	.12
7	.05	.06	.04										.01	.02		.02	.03	.04	.02	.02	.02	.02	.01	.01	.027	14	.07
8	.01	.00	.00	.01	.02	.06	.10	.12	.08	.08	.06	.02	.02	.01		.02	.03	.03	.02	.02	.03	.03	.04	.02	.036	23	.13
9*	.02	.02	.02	.03	.02	.03	.09	.10	.05		.01	.01	.00	.00		.01	.01	.01	.01	.01	.03	.05	.04	.02	.025	22	.11
10*	.02	.01	.01	.01	.00	.01	.01	.02	.00	.01	.01	.01	.01	.00			.01	.01	.01	.01	.01	.01	.01	.01	.009	22	.03
11	.01	.00	.00	.01	.00	.01	.03	.05	.05			.01	.01	.01		.02	.03	.05	.03	.03	.01	.01	.01	.00	.018	21	.07
12	.01	.00	.00	.00	.00	.00	.03	.05	.05	.03	.02	.02	.01	.01		.02	.04	.04	.02	.01	.01	.01	.02	.03	.017	23	.08
13	.02	.02	.01	.01	.01	.01	.04	.07	.04	.02	.01	.01	.02	.01		.02	.03	.03	.02	.01	.02	.02	.02	.01	.021	23	.08
14	.01	.01	.01	.00	.01	.01	.04	.05	.04	.02	.01	.01	.01	.01		.01	.01	.02	.02	.02	.03	.01	.03	.01	.017	23	.07
15	.03	.01	.00	.00	.00	.01	.02	.06	.06	.02	.02	.01	.01	.02		.01	.02	.03	.02	.03	.03	.03	.07	.09	.026	23	.13
16*	.02	.01	.01	.01	.01	.01	.02	.04	.03	.02	.02	.02	.02	.01		.01	.01	.01	.01	.03	.07	.08	.02	.02	.021	23	.10
17*	.01	.01	.01	.01	.00	.00	.01	.01	.01	.01	.02	.02	.02	.02		.02	.02	.02	.02	.02	.02	.02	.01	.01	.014	23	.03
18	.01	.01	.00	.00	.00	.01	.03	.06	.08				.01	.03		.04	.05	.05	.03	.02	.01	.01	.01	.01	.022	20	.11
19	.00	.00	.00	.00	.00	.00	.01	.03	.04	.03	.04	.04	.04	.04		.03	.05	.07	.03	.08	.01	.01	.01	.01	.022	23	.08
20	.01	.00	.00	.00	.01	.01	.04	.07	.08	.07	.05	.02	.01	.02		.02	.02	.04	.03	.03	.03	.03	.03	.02	.027	23	.09
21	.03	.05	.06	.06	.05	.03	.08	.07	.07	.06	.05	.02	.02	.01		.01	.03	.04	.03	.02	.03	.03	.04	.03	.039	23	.09
22	.02	.01	.01	.01	.01	.01	.03	.04	.05	.06	.03	.02	.02	.03		.03	.05	.05	.03	.03	.03	.02	.02	.02	.027	23	.08
23*	.05	.03	.04	.02	.01	.02	.03	.03	.02		.01	.01	.01	.01		.01	.01	.02	.01	.01	.01	.01	.01	.01	.015	22	.04
24*	.01	.01	.03	.03	.01	.02	.02	.02	.01							.01	.01	.01	.01	.02	.01	.01	.02	.01	.015	18	.07
25	.01	.00	.01	.00	.01	.03	.05	.06			.00	.01	.00	.00		.01	.01	.01	.00	.00	.00	.00	.00	.00	.010	21	.07
26	.00	.00	.00	.00	.00	.01	.04	.04	.02	.01	.01	.00	.00	.00		.01	.00	.00	.00	.00	.00	.00	.00	.00	.006	23	.05
27	.00	.00	.00	.00	.00	.02	.02	.00	.01	.01	.01	.00	.00	.00		.02	.02	.01	.01	.02	.01	.01	.02	.02	.008	23	.03
28	.00	.01	.01	.01	.01	.02	.05	.03	.03	.02	.01	.02	.02	.02		.02	.02	.02	.01	.01	.02	.02	.01	.01	.017	23	.07
29																											
30*																											
MEAN	.01	.01	.01	.01	.01	.02	.04	.05	.04	.03	.02	.01	.01	.01		.02	.02	.03	.02	.02	.02	.02	.02	.02	.020		
NO.	28	28	28	27	27	27	27	27	26	20	23	24	27	27		27	28	28	28	28	28	28	28	28		617	
MAX	.05	.06	.06	.06	.05	.06	.10	.12	.08	.08	.06	.04	.04	.04		.04	.05	.07	.03	.05	.07	.08	.07	.09	.039		.13

* [illegible]
Lo[illegible] used

TABULATED THU., MAY 4, 1967

B.23

CONTINUOUS AIR MONITORING PROGRAM

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

Air Quality Section, Laboratory [illegible]
Division of Air Pollution, Public [illegible]
U. S. Department of Health, Education and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

DENVER, COLO.

CONCENTRATION IN PPM

COLORIMETRIC ANALYSIS

NITRIC OXIDE
MAY 1966

DAY OF MONTH	AM 12-1	AM 1-2	AM 2-3	AM 3-4	AM 4-5	AM 5-6	AM 6-7	AM 7-8	AM 8-9	AM 9-10	AM 10-11	AM 11-12	PM 12-1	PM 1-2	PM 2-3	PM 3-4	PM 4-5	PM 5-6	PM 6-7	PM 7-8	PM 8-9	PM 9-10	PM 10-11	PM 11-12	DAILY MEAN	NO. OF HRS	DAILY MAX
1*	.01	.03	.02	.03	.02	.02	.03	.02	.01	.02	.02	.01	.01	.01		.01	.01	.01	.01	.02	.02	.02	.02	.02	.016	23	.04
2	.02	.02	.02	.02	.03	.05	.07	.06			.00	.01	.01	.01		.01	.02	.01	.01	.01	.02	.01	.01	.02	.020	21	.10
3	.01	.00	.00	.00	.01	.03	.07	.06	.02	.01	.02	.01	.00	.01		.01	.02	.01	.01	.01	.01	.02	.05	.03	.017	23	.11
4	.01	.01	.01	.01	.01	.02	.05	.07					.01	.01		.02	.02	.01	.01	.01	.01	.02	.02	.00	.016	19	.08
5	.00	.00	.00	.00	.01	.02	.04	.03	.02	.01	.01	.01	.01	.01		.01	.01	.02	.01	.01	.01	.01	.01	.01	.010	23	.06
6	.00	.00	.00	.00	.00	.01	.03	.03	.03	.01	.01	.01	.01	.01		.01	.01	.01	.01	.01	.02	.02	.04	.02	.012	23	.07
7*	.00	.00	.00	.00	.01	.01	.03	.02	.01	.01	.01	.01	.01	.01		.01	.01	.01	.01	.01	.02	.02	.02	.03	.011	23	.05
8*	.02	.02	.01	.02	.01	.01	.02	.01	.01	.01	.02	.01	.01	.01			.01	.01	.02	.02	.01	.01	.01	.01	.013	22	.04
9	.01	.01	.01	.01	.02	.03	.08	.08			.02	.04	.03	.03		.05	.05	.03	.01	.01	.02	.02	.01	.01	.027	21	.10
10	.01	.00	.00	.00	.04	.06	.12	.10	.06	.02	.01	.01	.01	.01		.01	.01	.01	.01	.01	.01	.01	.00	.01	.021	23	.25
11	.00	.00	.00	.00	.00	.01	.02	.04	.02	.02	.02	.02	.02	.02		.04	.04	.03	.02	.01	.02	.01	.01	.01	.017	23	.05
12	.01	.01	.01	.01	.01	.02	.05	.06	.03	.03	.02	.03	.02	.02		.03	.02	.02	.01	.01	.01	.02	.02	.01	.020	23	.08
13	.01	.02	.01	.01	.01	.03	.05	.03	.02	.02	.01	.01	.01	.02		.03	.01	.01	.01	.02	.02	.02	.01	.02	.017	23	.06
14*	.01	.02	.01	.00	.01	.01	.02	.01	.02	.01	.01		.01	.01		.00	.00	.00	.00	.00	.00	.01	.01	.02	.009	22	.03
15*	.01	.01	.00	.00	.01	.05	.02	.00	.00	.00	.00	.00	.00	.00		.00	.01	.01	.01	.02	.02	.03	.01	.02	.010	23	.06
16	.01	.01	.01	.00	.00	.01	.04	.04			.01	.01	.00	.01		.01	.01	.00	.00	.00	.00	.01	.00	.00	.008	21	.06
17	.00	.00	.00	.00	.00	.01	.04	.03	.01	.01	.01	.01	.01	.01		.01	.02	.01	.00	.00	.01	.01	.01	.00	.009	23	.06
18	.00	.00	.00	.00	.01	.01	.04	.05	.04	.01	.01	.01	.01	.01		.00	.01	.01	.01	.01	.01	.01	.01	.00	.011	23	.07
19	.00	.00	.00	.00	.00	.01	.03	.03	.02	.01	.01	.01	.01	.01		.02	.02	.01	.01	.01	.01	.02	.03	.03	.012	23	.04
20	.01	.00	.01	.01	.02	.03	.05	.05	.02	.02	.01	.00	.00	.00		.02	.02	.01	.01	.02	.04	.06	.04	.03	.020	23	.08
21*	.01	.01	.00	.00	.00	.01	.02	.01	.01	.01	.01	.00	.00	.00		.00	.00	.00	.00	.00	.00	.00	.01	.02	.005	23	.03
22*	.02	.01	.00	.00	.00	.00	.01	.00	.00	.00	.00	.00	.00	.00		.00	.00	.00	.00	.00	.00	.00	.02	.00	.002	23	.03
23	.00	.00	.00	.00	.00	.01	.03	.03			.01	.00	.00	.00		.01	.01	.00	.00	.00	.00	.00	.00	.01	.005	21	.04
24	.00	.01	.01	.02	.01	.03	.04	.02	.00	.00	.00	.01	.01	.01		.02	.02	.01	.01	.01	.01	.02	.04	.02	.014	23	.06
25	.02	.01	.01	.01	.01	.03	.06	.03	.03	.03	.02	.01	.01	.01		.02	.02	.01	.01	.01	.02	.01	.03	.02	.017	23	.08
26	.01	.01	.00	.00	.00	.01	.02	.02	.01	.03	.01	.00	.01	.01		.01	.01	.00	.00	.00	.01	.01	.01	.01	.009	23	.05
27	.00	.00	.01	.00	.01	.04	.04	.03	.01	.01	.01	.01	.01	.01		.01	.01	.01	.01	.01	.02	.02	.02	.01	.012	23	.07
28*	.00	.00	.00	.00	.00	.01	.01	.01	.00	.00	.00	.01	.00	.00		.01	.00	.00	.00	.01	.01	.01	.01	.01	.004	23	.02
29*	.01	.01	.01	.00	.00	.00	.00	.00	.01	.03	.01	.00	.00	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.003	23	.04
30	.00	.00	.00	.00	.00	.00	.00	.00			.00	.00	.00	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.000	21	.01
31	.00	.00	.00	.00	.00	.01	.02	.03	.02	.02	.02	.01	.02	.01		.02	.03	.02	.01	.01	.02	.02	.01	.01	.013	23	.04
MEAN	.01	.01	.00	.00	.01	.02	.04	.03	.02	.01	.01	.01	.01	.01		.01	.01	.01	.01	.01	.01	.01	.02	.01	.012		
NO.	31	31	31	31	31	31	31	31	25	25	30	29	31	31		30	31	31	31	31	31	31	31	31		697	
MAX	.02	.03	.02	.03	.04	.06	.12	.10	.06	.03	.02	.04	.03	.03		.05	.05	.03	.02	.02	.04	.06	.05	.03	.027		.25

*[illegible]
Local Standard Time used

TABULATED: THU., MAY 4, 1967

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory [illegible] and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONCENTRATION IN PPM

COLORIMETRIC ANALYSIS

DENVER, COLO.

NITRIC OXIDE
JUNE 1966

DAY OF MONTH	AM 12	AM 12-1	AM 1-2	AM 2-3	AM 3-4	AM 4-5	AM 5-6	AM 6-7	AM 7-8	AM 8-9	AM 9-10	AM 10-11	AM 11-12	PM 12-1	PM 1-2	PM 2-3	PM 3-4	PM 4-5	PM 5-6	PM 6-7	PM 7-8	PM 8-9	PM 9-10	PM 10-11	PM 11-12	DAILY MEAN	NO. OF HRS	5 MIN MAX
1	.00	.01	.01	.00	.01	.02	.03	.03	.01		.01	.00	.00	.01		.01	.02	.01	.00	.00	.01	.01	.01	.01	.009	22	.04
2	.01	.00	.01	.01	.02	.02	.02	.02	.01	.01	.01	.01	.00	.00		.01	.01	.01	.01	.00	.01	.01	.02	.01	.009	23	.03
3	.01	.00	.00	.00	.00	.01	.02	.01	.01	.01	.00	.00	.00	.00		.01	.01	.00	.00	.00	.01	.01	.02	.02	.006	23	.03
4*	.02	.02	.01	.00	.00	.00	.01	.01	.00	.00	.00	.00	.00	.00		.00	.00	.00	.00	.01	.01	.02	.00	.00	.005	23	.03
5*	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		.00	.00	.00	.00	.00	.00	.01	.00	.00	.001	23	.01
6	.00	.00	.00	.00	.00	.00	.01	.01			.00	.00	.00	.00			.00	.00	.00	.00	.00	.00	.00	.00	.002	20	.02
7	.00	.00	.00	.00	.00	.01	.03	.03	.02	.03	.02	.02	.01	.00		.02	.02	.01	.01	.00	.00	.00	.00	.00	.010	23	.05
8	.00	.00	.00	.00	.01	.01	.04	.05	.03	.03	.02	.02	.02	.04		.05	.05	.03	.02	.02	.01	.01	.01	.01	.020	23	.08
9	.00	.00	.00	.00	.00	.02	.05	.06	.06	.04	.03	.03	.02	.02		.03	.04	.02	.01	.01	.01	.01	.00	.00	.020	23	.08
10	.00	.00	.00	.00	.00	.00	.05	.05	.01	.01	.01	.01	.01	.01		.02	.02	.01	.01	.01	.03	.03	.05	.03	.016	23	.08
11*	.01	.00	.00	.00	.00	.01	.02	.00	.00	.00	.01	.00	.00	.00		.01	.01	.00	.00	.00	.00	.01	.01	.03	.005	23	.05
12*	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00			.01	.01	.01	.01	.00	.01	.01	.01	.002	22	.01
13	.00	.01	.00	.00	.01	.03	.03	.03			.01	.00	.01	.01		.02	.02	.02	.02	.01	.02	.02	.02	.01	.013	21	.04
14	.00	.00	.00	.00	.01	.01	.04	.03	.01	.00	.00	.01	.00	.02		.02	.02	.01	.01	.01	.02	.03	.02	.03	.013	23	.05
15																											
16										.03	.04	.04	.03	.02		.02	.03	.01	.00	.01	.02	.01	.01	.01	.021	14	.05
17	.01	.00	.00	.00	.00	.01	.04	.05	.03	.02	.03	.01	.01	.01		.02	.02	.02	.01	.02	.02	.01	.01	.00	.014	23	.06
18*	.01	.01	.00	.00	.00	.01	.02	.01	.01	.00	.00	.00	.00	.00		.00	.00	.00	.00	.00	.00	.00	.00	.01	.004	23	.02
19*	.01	.00	.00	.00	.00	.00	.00	.00	.00		.00	.00	.00	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.001	22	.02
20	.00	.00	.00	.00	.00	.00	.02	.02			.00	.00	.00	.00		.02	.01	.00	.00	.00	.02	.02	.01	.00	.006	21	.04
21	.00	.00	.00	.00	.01	.03	.02	.02	.03	.03	.00	.00	.00	.00		.01	.00	.00	.00	.00	.00	.00	.01	.00	.007	23	.06
22	.00	.00	.00	.00	.00	.01	.02	.02	.01	.00	.00	.00	.00	.00		.02	.02	.00	.01	.01	.01	.01	.00	.00	.005	23	.04
23	.00	.00	.00	.00	.00	.01	.01	.00	.00	.00	.00	.00	.01	.01			.00	.00	.00	.00	.00	.02	.05	.03	.006	22	.07
24	.02	.01	.01	.00	.01	.02	.02	.02	.01	.01	.01	.01				.01	.01	.00	.00	.01	.00	.01	.03	.02	.012	21	.04
25*	.01	.01	.00	.00	.00	.01	.01	.01		.00	.01	.00	.00	.00			.00	.00	.00	.00	.00	.01	.01	.01	.003	21	.02
26*	.01	.01	.00	.00	.01	.01	.01	.01	.00	.00	.00	.00	.00	.00			.01	.01	.01	.01	.00	.01	.01	.01	.005	22	.02
27	.00	.00	.01	.01	.02	.02	.04	.02								.02	.03	.00	.01	.00	.00	.01	.02	.01	.012	17	.04
28	.00	.00	.00	.00	.00	.01	.04	.03								.01	.01	.00	.00	.00	.00	.00	.01	.01	.006	17	.05
29	.00	.00	.00	.00	.01	.01	.01	.01	.00	.00	.01	.00		.00	.00	.01	.01	.00	.01	.01	.01	.01	.02	.01	.006	23	.02
30	.01	.02	.02	.01	.01	.02	.04	.05	.01	.01	.01	.01		.01	.01	.02	.02	.01	.00	.00	.00	.00	.00	.00	.012	23	.07
MEAN	.00	.00	.00	.00	.00	.01	.02	.02	.01	.01	.01	.01		.01	.01		.01	.01	.01	.00	.01	.01	.01	.01	.009		
NO.	28	28	28	28	28	28	28	28	22	22	27	27		26	26		24	29	29	29	29	29	29	29		630	
MAX	.02	.02	.02	.01	.02	.03	.05	.06	.06	.04	.04	.04		.03	.04		.05	.05	.03	.02	.02	.03	.03	.05	.03	.021		.08

* Indicates Saturday or Sunday
Local standard time used

TABULATED THU., MAY 4, 1967

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of [illegible] and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

DENVER, COLO.

CONCENTRATION IN PPM

COLORIMETRIC ANALYSIS

NITRIC OXIDE
JULY 1966

DAY OF MONTH	AM 12	AM 12	AM 23	AM 34	AM 45	AM 56	AM 67	AM 78	AM 89	AM 910	AM 1011	AM 1112	PM 121	PM 12	PM 23	PM 34	PM 45	PM 56	PM 67	PM 78	PM 89	PM 910	PM 1011	PM 1112	DAILY MEAN	NO. OF HRS	5 MIN MAX
1	.00	.00	.00	.00	.00	.01	.02	.02	.01	.01	.01	.00	.01	.01		.01	.01	.00	.01	.01	.01	.01	.01	.00	.006	23	.03
2*																											
3*																											
4	.01	.00	.00	.00	.00	.00	.00	.00				.00	.00	.00		.00	.00	.00	.00	.01	.02	.02	.02	.04	.006	20	.06
5	.01	.01	.00	.00	.01	.01	.02	.02	.00	.00	.00	.00	.00	.00		.01	.01	.01	.00	.00	.00	.01	.02	.02	.006	23	.03
6	.01	.00	.00	.00	.01	.04	.02	.02	.01				.00	.00		.01	.01	.00	.01	.01	.01	.01	.00	.01	.009	20	.07
7	.00	.00	.00	.00	.01	.01	.01	.01	.01	.00	.00	.01	.00	.00		.00	.00	.00	.00	.01	.02	.02	.01	.01	.005	23	.03
8	.00	.00	.00	.00	.00	.02	.05	.02	.01	.01	.01	.01	.01	.01		.01	.01	.01	.01	.01	.01	.02	.03	.03	.012	23	.08
9*	.04	.03	.02	.01	.01	.01	.02	.02	.01	.01		.00	.00	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.008	22	.04
10*	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		.00	.00	.00	.01	.01	.01	.01	.03	.03	.005	23	.04
11	.02	.01	.01	.01	.01	.02	.03	.02			.01	.00	.00	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.007	21	.04
12																											
13																											
14																											
15																											
16*		.00	.00	.00	.00	.00		.01	.00	.00	.00	.00	.00	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.000	21	.01
17*	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00			.00	.00	.00	.00	.00	.00	.00	.00	.001	22	.01
18																											
19																											
20																											
21																											
22																											
23*																											
24*																											
25																											
26																											
27		.01	.01	.01	.01	.01	.03	.02	.01	.01	.01	.01	.01	.01			.02	.01	.01	.01	.01	.01	.01	.01	.011	21	.04
28	.01	.00	.01	.00	.01	.02	.03	.04	.02	.01	.01	.01	.00	.01		.01	.01	.01	.01	.01	.01	.01	.00	.01	.010	23	.05
29	.00	.01	.00	.00	.01	.01	.03	.03	.02	.02	.01	.01	.00	.01		.01	.01	.01	.01	.01	.01	.01	.01	.01	.009	23	.04
30*	.01	.01	.01	.01	.01	.02	.03	.02	.01	.00	.00	.00	.00	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.006	23	.06
31*	.01	.00	.00	.00	.00	.00	.01	.01	.00	.00	.00	.00	.00	.00		.00	.00	.00	.01	.01	.01	.01	.01	.01	.003	23	.01
MEAN		.01	.00	.00	.00	.01		.02					.00	.00			.01	.00	.00	.01	.01	.01	.01	.01			
NO.	14	16	16	16	16	16	15	16	14	13	13	15	16	16		14	16	16	16	16	16	16	16	16		554	
MAX	.04	.03	.02	.01	.01	.04	.05	.04	.02	.02	.01	.01	.01	.01		.01	.02	.01	.01	.01	.02	.02	.03	.04	.012		.08

* Indicates [illegible]

Local standard time used

TABULATED: THU., MAY 4, 1967

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of [illegible] and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONCENTRATION IN PPM

COLORIMETRIC ANALYSIS

DENVER, COLO.

NITRIC OXIDE
AUG. 1966

DAY OF MONTH	AM 12	AM 12-1	AM 1-2	AM 2-3	AM 3-4	AM 4-5	AM 5-6	AM 6-7	AM 7-8	AM 8-9	AM 9-10	AM 10-11	AM 11-12	PM 12-1	PM 1-2	PM 2-3	PM 3-4	PM 4-5	PM 5-6	PM 6-7	PM 7-8	PM 8-9	PM 9-10	PM 10-11	PM 11-12	DAILY MEAN	NO. OF HRS	5 MIN MAX
1	.00	.00	.00	.00	.01	.03	.05	.03	.02	.02	.02	.02	.02	.01	.00	.01	.02	.01	.01	.00	.01	.00	.01	.01	.012	24	.06
2	.00	.00	.00	.01	.01	.01	.02	.03				.01	.00	.01		.01	.01	.01	.01	.01	.01	.02	.01	.01	.010	20	.03
3	.01	.00	.00	.00	.02	.03	.06	.03	.01	.01	.01	.01	.01	.01		.02	.02	.01	.00	.01	.01	.01	.01	.01	.013	23	.07
4	.00	.00	.00	.00	.00	.02	.05	.02	.01	.01	.01	.01	.01	.01		.02	.03	.01	.01	.01	.01	.01	.01	.01	.011	23	.06
5	.01	.01	.00	.00	.02	.03	.05	.02	.02	.01	.01	.01	.01	.01		.01	.02	.01	.01	.01	.01	.01	.01	.01	.014	23	.05
6*	.01	.01	.00	.01	.01	.03	.03	.02	.01	.01	.01	.01	.01	.01	.01		.00	.01	.01	.01	.02	.02	.01	.01	.02	.011	23	.05
7*	.01	.02	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.00			.00	.00	.00	.01	.01	.01	.01	.01	.007	22	.03
8	.00	.00	.00	.00	.01	.01	.04	.05				.03	.03	.03	.03		.04	.04	.02	.02	.01	.01	.00	.01	.01	.018	20	.06
9	.01	.01	.01	.01	.01	.01	.04	.04	.03	.04	.04	.03	.02	.02			.01	.01	.01	.01	.01	.02	.01	.01	.01	.017	23	.06
10	.01	.01	.01	.01	.01	.02	.04	.06				.00	.01	.01			.01	.02	.01	.01	.01	.01	.01	.01	.01	.014	20	.07
11																											
12																											
13*																											
14*	.01	.01	.01	.01	.01	.01	.02	.01	.01	.01	.01	.01	.01	.01			.01	.01	.01	.01	.01	.01	.01	.01	.02	.011	23	.02
15	.01	.01	.02	.01	.01	.03	.04	.03	.02			.00	.01	.01			.01	.01	.01	.00	.00	.01	.00	.00	.01	.012	21	.06
16	.00	.00	.00	.01	.01	.02	.05	.05	.01	.01	.00	.01	.01	.00			.01	.01	.01	.01	.02	.01	.02	.02	.02	.013	23	.06
17	.02	.02	.02	.01	.01	.02	.06	.09	.03	.01	.01	.01	.01	.02			.01	.02	.01	.01	.01	.01	.01	.01	.01	.019	23	.10
18	.01	.01	.02	.01	.01	.01	.03	.03	.01	.01	.01	.01	.01	.01			.01	.02	.01	.01	.02	.01	.02	.01	.01	.014	23	.05
19	.01	.01	.01	.01	.02	.03	.03	.05						.01	.01					.01	.01	.02	.01		.02	.018	15	.07
20*	.02	.02	.02		.01	.01	.01	.02	.02	.01	.01	.01	.01	.01			.00	.01	.01	.01	.01	.01		.04		.012	20	.09
21*		.01	.02	.01	.01	.00	.01	.01	.01			.02	.01	.01				.00	.00	.01	.01	.01	.01	.01	.01	.008	19	.02
22	.01	.01	.00	.00	.00	.01	.02	.04			.01	.01					.01	.01	.01	.01	.01	.01	.01	.02	.01	.011	19	.05
23	.03	.01	.00	.01	.01	.04	.04	.03	.03	.02	.02	.02	.02	.02	.01		.02	.01	.01	.01	.01	.01	.01	.02	.04	.019	23	.04
24	.03	.01	.01	.02	.02	.04	.09	.07	.04	.02		.01	.01	.01				.01	.01	.01	.02	.02	.03	.03	.04	.026	21	.10
25	.03	.02	.01	.03	.05	.04	.07	.09	.07	.01	.01	.01	.01	.01			.01	.02	.01	.01	.02	.02	.03	.03	.03	.026	23	.10
26	.03	.01	.00	.00	.00	.02	.04	.04	.02	.00	.00	.00	.01	.01			.01	.01	.01	.00	.01	.00	.00	.00	.01	.010	23	.05
27*	.01	.00	.00	.01	.03	.04	.03	.02	.01	.00	.00	.00	.01	.00			.00	.00	.01	.00	.01	.01	.01	.01	.01	.009	23	.05
28*	.01	.03	.02	.02	.00	.01	.01	.00	.00	.00	.00	.00	.01	.00			.00	.00	.00	.00	.00	.01	.00	.00	.00	.005	23	.05
29	.00	.00	.00	.00	.01	.02	.04	.05	.01	.00			.01				.01	.02	.01	.00	.00	.01	.01	.01	.00	.010	20	.08
30																											
31																											
MEAN	.01	.01	.01	.01	.01	.02	.04	.04	.02	.01	.01	.01	.01	.01	.01		.01	.01	.01	.01	.01	.01	.01	.01	.01	.013		
NO.	25	26	26	25	26	26	26	26	21	19	18	24	23	25	2	22	25	25	26	26	26	25	25	25			563	
MAX	.03	.03	.02	.03	.05	.04	.09	.09	.07	.04	.04	.03	.03	.03	.01	.04	.04	.02	.02	.02	.02	.03	.04	.04	.026			.10

* Indicates Saturday or Sunday
Local standard time used

TABULATED: THU., MAY 4, 1967

B-27

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of [illegible] and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONCENTRATION IN PPM

COLORIMETRIC ANALYSIS

DENVER, COLO.

NITRIC OXIDE
SEPT. 1966

DAY OF MONTH	AM 12-1	AM 1-2	AM 2-3	AM 3-4	AM 4-5	AM 5-6	AM 6-7	AM 7-8	AM 8-9	AM 9-10	AM 10-11	AM 11-12	PM 12-1	PM 1-2	PM 2-3	PM 3-4	PM 4-5	PM 5-6	PM 6-7	PM 7-8	PM 8-9	PM 9-10	PM 10-11	PM 11-12	DAILY MEAN	NO. OF HRS	5 MIN MAX
1																.02	.03	.02	.01	.02	.02	.03	.05	.04	.018	20	.06
2		.00	.01	.00	.00	.02	.04	.03	.02	.01	.01	.01				.02	.03	.02	.01	.02	.03	.06	.06	.03	.019	23	.07
3*	.04	.03	.01	.01	.01	.01	.02	.02	.02	.01	.02	.01	.01	.01		.01	.01	.01	.01	.02	.03	.06	.06	.03	.019	23	.07
4*	.02	.01	.01	.01	.01	.01	.02	.02	.01	.01	.01	.01	.01	.01			.01	.02	.02	.05	.06	.05	.02	.01	.019	22	.07
5	.01	.01	.00	.00	.01	.01	.02	.02	.01	.00	.01	.00	.00	.00		.00	.01	.01	.01	.01	.01	.02	.04	.02	.010	23	.05
6	.01	.01	.00	.01	.02	.05	.11	.15	.03	.01	.01	.01	.00			.02	.02	.02	.02	.02	.02	.02	.01	.00	.025	22	.21
7	.01	.01	.00	.00	.01	.03	.13	.08	.03	.01	.02	.01	.01	.01		.02	.03	.02	.02	.02	.03	.02	.02	.01	.023	23	.20
8	.00	.01	.00	.01	.01	.02	.06	.07	.03	.01	.01	.01	.01	.01		.02	.03	.03	.03	.09	.14	.11	.03	.02	.033	23	.16
9	.01	.01	.00	.00	.00	.02	.07	.08	.03	.01	.01	.01	.01	.01		.01	.03	.01	.01	.02	.01	.00	.01	.02	.016	23	.09
10*	.00	.00	.00	.00	.01	.02	.03	.03	.02	.01	.01	.00	.00	.01		.01	.01	.00	.00	.01	.03	.01	.01	.01	.009	23	.04
11*	.01	.01	.00	.00	.00	.00	.01	.02	.02	.01	.00	.00	.00	.00		.01	.01	.01	.01	.01	.00	.00	.00	.01	.005	23	.02
12	.00	.00	.00	.00	.02	.03	.09	.11	.03	.02	.05			.01		.04	.04	.03	.02	.03	.01	.02	.02	.03	.029	21	.13
13	.03	.01	.02	.02	.01	.02	.03	.07	.06			.02	.02	.02		.02	.03	.02	.02	.02	.02	.01	.01	.01	.024	21	.08
14	.00	.01	.00	.00	.01	.01	.03	.05	.06		.06	.02	.02	.02		.02	.03	.03	.03	.02	.03	.03	.02	.01	.023	22	.08
15	.00	.01	.00	.00	.01	.02	.07	.09	.06	.06	.05	.03	.04	.04		.07	.08	.04	.03	.02	.03	.04	.02	.04	.037	23	.11
16	.03	.02	.01	.02	.05	.04	.08	.08	.07		.03	.05	.03	.03		.06	.07	.04	.05	.06	.09	.09	.10	.08	.053	22	.12
17*	.07	.02	.01	.03	.05	.04	.05	.06	.03	.05	.03	.02	.01	.01		.01	.02	.02	.02	.05	.08	.14	.15	.13	.048	23	.20
18*	.05	.03	.01	.01	.02	.03	.06	.03	.02	.01	.01	.01	.00	.01			.01	.01	.04	.05	.07	.05	.03	.02	.027	22	.09
19																											
20																											
21	.02	.02	.02	.02	.02	.06	.15	.15	.04	.03	.02	.02	.01	.02		.02									.040	15	.20
22																											
23									.04	.03	.04	.05	.01	.01		.02	.04	.03	.02	.02	.03	.06	.04	.04	.031	15	.07
24*	.03	.03	.02	.01	.01	.01	.02	.02	.01		.02	.01	.02	.02		.01	.02	.02	.02	.03	.07	.04	.01	.01	.020	22	.08
25*	.01	.02	.01	.01	.01	.03	.01	.01	.01	.01	.01	.01	.02	.01			.02	.02	.02	.02	.02	.03	.01	.01	.015	22	.09
26	.01	.01	.01	.01	.01	.02	.06	.09	.03	.03			.01	.02		.04	.04	.02	.02	.02	.02	.01	.01	.01	.023	21	.11
27	.01	.01	.01	.01	.01	.02	.06	.08	.05	.02	.02	.01	.02	.02		.03	.03	.02	.02	.02	.02	.01	.01	.01	.023	23	.10
28	.01	.01	.01	.03	.02	.03	.04	.04	.07	.08	.04	.02	.02	.01		.03	.03	.03	.05	.12	.16	.06	.06	.07	.044	23	.18
29	.03	.01	.01	.01	.02	.02	.05	.08	.04	.03			.02	.02		.04	.04	.03	.02	.02	.02	.01	.01	.01	.025	21	.10
30	.01	.01	.01	.01	.01	.02	.03	.05	.06	.05	.05	.03	.04	.03		.03	.04	.02	.02	.04	.04	.05	.07	.07	.033	23	.10
MEAN	.02	.01	.01	.01	.01	.02	.05	.06	.03	.02	.02	.02	.01	.01		.02	.03	.02	.02	.03	.04	.04	.03	.03	.026		
NO.	24	25	25	25	25	25	25	25	26	22	23	23	24	24		23	25	25	25	25	25	25	25	25		564	
MAX	.07	.03	.03	.03	.05	.06	.15	.15	.07	.08	.06	.05	.04	.04		.07	.08	.04	.05	.12	.16	.14	.15	.13	.053		.21

* Indicates Saturday or Sunday

Local standard time used

TABULATED: THU., MAY 4, 1967

CONTINUOUS AIR MONITORING PROGRAM

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

Air Quality Section, Laboratory of Chemistry and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

DENVER, COLO.

CONCENTRATION IN PPM

COLORIMETRIC ANALYSIS

NITRIC OXIDE
OCT. 1966

DAY OF MONTH	AM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	PM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS	5 MIN MAX
1*	.05	.04	.04	.04	.04	.05	.03	.07	.09	.06	.03	.01	.02	.01		.01	.02	.03	.02	.06	.09	.06	.04	.04	.040	23	.11
2*	.05	.04	.02	.01	.03	.03	.02	.02	.02	.01	.01	.01	.01	.01		.01	.02	.03	.03	.03	.01	.01	.01	.01	.019	23	.06
3	.01	.01	.01	.01	.02	.02	.05	.05	.05	.05	.05	.04	.04	.04		.05	.04	.04	.03	.02	.02	.03	.03	.03	.031	23	.07
4	.03	.04	.03	.02		.05	.14	.17	.12			.03	.02	.03		.03	.04	.03	.04	.05	.06	.09		.05	.055	19	.19
5	.03	.03	.05	.08	.04	.06	.14	.13	.07	.06	.03	.01	.01	.01		.02	.03	.03	.04	.07	.11	.17	.07	.04	.056	23	.19
6	.03	.02	.02	.02	.03	.05	.11	.13	.07	.04	.03	.02	.02	.02		.03	.04	.05	.07	.08	.09	.06	.12	.09	.052	23	.17
7	.07	.05	.03	.02	.02	.05	.08	.12	.07	.07	.03	.02	.02	.02		.05	.05	.04	.04	.03	.02	.04	.08	.02	.044	23	.13
8*	.02	.03	.02	.03	.03	.05	.03	.04	.06	.03	.02	.02	.01	.01		.02	.02	.02	.03	.04	.03	.04	.06	.10	.032	23	.11
9*	.09	.09	.04	.03	.04	.03	.02	.02	.02	.01	.01	.01	.01	.01			.01	.02	.02	.02	.06	.06	.04	.05	.031	22	.11
10	.09	.06	.01	.02	.03	.05	.09	.11	.13	.04			.02	.02	.01	.04	.04	.04	.07	.05	.07	.05	.07	.10	.055	22	.17
11	.10	.08	.05	.04	.04	.11	.18	.22	.06	.04	.04	.01	.01	.02		.03	.05	.07	.08	.10	.06	.02	.02	.02	.062	23	.34
12	.01	.01	.01	.01	.02	.04	.11	.14	.07	.03	.02	.02	.02	.02		.04	.05	.04	.05	.04	.12	.06	.04	.03	.043	23	.17
13	.03	.04	.02	.02	.02	.03	.08	.11	.04	.05	.03	.02	.02	.02		.03	.03	.02	.03	.02	.02	.02	.02	.01	.031	23	.13
14	.01	.01	.01	.01	.02	.02	.03	.07	.05	.06	.04	.04	.04	.04		.07	.06	.04	.07	.06	.06	.07	.03	.05	.041	23	.09
15*	.04	.04	.02	.02	.03	.05	.05	.06	.07	.06	.04	.03	.02	.02		.02	.02	.02	.03	.04	.02	.03	.03	.04	.034	23	.09
16*	.03	.03	.02			.03	.03	.03	.02	.02	.02	.02	.02	.02			.02	.02	.03	.03	.02	.05	.11	.04	.030	20	.11
17																											
18																											
19																											
20																											
21																											
22*																											
23*																											
24											.03	.02	.02	.02		.03	.04	.05	.04	.05	.08	.05	.03	.03	.037	13	.09
25	.03	.03	.02			.06	.10	.18	.10	.06	.07	.03	.02	.03			.05	.12	.29	.26	.11	.07			.089	18	.35
26		.02	.02	.02	.05	.06	.15	.22	.11	.10	.04	.02	.02	.02		.04	.06	.09	.14	.15	.09	.08	.05	.05	.072	22	.32
27	.04	.03	.02	.02			.11		.11	.06	.02	.02	.02	.02		.03		.05	.09	.18	.26	.25	.19	.14	.087	19	.33
28	.08	.13	.07	.05	.04	.04	.11	.16	.12	.07	.05	.06	.03	.06		.05			.03	.03	.03	.04	.04	.03	.062	21	.26
29*	.04	.03	.03				.06	.08	.06	.05		.05	.03	.02		.04				.15	.10		.09	.04	.057	15	.19
30*	.03	.02	.02	.02	.02	.02	.02	.02	.03	.03	.02	.02	.02	.02		.02	.02	.04	.02					.04	.023	19	.06
31	.04	.02	.02	.01				.06	.06	.04	.04	.04	.04	.05		.06	.08	.09	.08	.04	.04	.04	.04	.04	.045	20	.11
MEAN	.04	.04	.03	.02	.03	.04	.08	.10	.07	.05	.03	.02	.02	.02		.03	.04	.04	.06	.07	.07	.06	.06	.05	.047		
NO.	22	23	23	20	17	20	22	22	23	22	21	23	24	24	1	21	21	22	23	23	23	22	21	23		506	
MAX	.10	.13	.07	.08	.05	.11	.18	.22	.13	.10	.07	.06	.04	.06	.01	.07	.08	.12	.29	.26	.26	.25	.19	.14	.089		.35

* Indicates Saturday or Sunday

Local standard time used

TABULATED THU., MAY 4, 1967

B-29

CONTINUOUS AIR MONITORING PROGRAM

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

Air Quality Section, Laboratory of [illegible] and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

DENVER, COLO.

CONCENTRATION IN PPM

COLORIMETRIC ANALYSIS

NITRIC OXIDE
NOV. 1966

DAY OF MONTH	A.M. 12	12	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS	5 MIN MAX
1	.02	.01	.01	.01	.03	.02	.03	.06	.09	.10	.06	.03	.02	.01			.03	.06	.06	.05	.03	.02	.04	.05	.038	22	.12
2	.04	.04	.03	.02	.02	.02	.02	.09	.15	.06	.01	.01	.01	.01		.02	.08	.08	.04	.05	.02	.02	.10	.20	.049	23	.22
3	.19	.18	.15	.06	.03	.07	.10	.33	.22	.15	.06	.02	.01	.01		.04	.07	.08	.06	.06	.05	.06	.05	.03	.089	23	.41
4	.01	.00	.01	.01	.01	.01	.02	.05	.07	.05	.04	.04				.06	.08	.08	.05	.03	.03	.05	.04	.04	.036	21	.11
5*	.05	.03	.06	.09	.11	.10	.11	.16	.22	.14	.05	.05	.01	.03		.06	.14	.21	.32	.26	.33	.19	.08	.04	.124	23	.42
6*	.03	.02	.01	.01	.01	.01	.05	.06	.03	.03	.03	.03	.01	.01		.01	.02	.09	.11	.07	.07	.11	.11	.11	.045	23	.15
7	.06	.16	.07	.01	.01	.04	.13	.23	.18	.06	.03	.01	.01	.02		.02	.05	.08	.08	.07	.05	.06	.06	.03	.066	23	.35
8	.02	.02	.01	.04	.04	.07	.09	.10	.08	.08	.09	.08	.07	.07		.07	.07	.06	.03	.02	.02	.01	.02	.02	.051	23	.12
9	.02	.02	.01	.02	.02	.03	.03	.06	.07	.05	.07	.07	.06	.04			.09	.12	.16	.13	.04	.03	.04	.05	.055	22	.20
10	.07	.10	.14	.12	.08	.13	.12	.10	.13	.08	.09	.07	.08	.10	.06	.12	.26	.21	.21	.07	.02	.03	.04	.02	.101	24	.29
11	.03	.04	.05	.04	.05	.03	.07	.13	.07	.07	.06	.06	.07	.08			.12	.14	.07	.07	.05	.06	.09	.09	.069	22	.15
12*	.06	.04	.03	.02	.02	.05	.11	.15	.15	.05	.02	.01	.01	.02			.02	.03	.06	.11	.07	.23	.12	.13	.069	22	.31
13*	.06	.03	.04	.03	.02	.02	.02	.03	.03	.02	.03	.01	.01	.01			.03	.03	.04	.08	.05	.07	.05	.08	.032	22	.11
14	.06	.12	.09	.11	.10	.17	.27	.36	.26			.08	.05	.03		.08	.19	.29	.22	.08	.03	.03	.02	.02	.126	21	.42
15	.02	.01	.01	.01	.01	.02	.06	.10	.05	.05	.05	.08	.02	.02		.08	.30	.35	.47	.40	.19	.10	.07	.05	.108	23	.54
16	.03	.03	.06	.02	.06	.18	.16	.18	.13	.05	.03	.02	.03	.03			.14	.30	.36	.38	.24	.11	.10	.07	.123	22	.49
17	.04	.02	.02	.01	.01	.10	.05	.07	.14	.15	.07	.06	.05	.05		.04	.05	.08	.05	.05	.05	.04	.07	.07	.057	23	.20
18	.04	.08	.15	.10	.04	.03	.08	.15	.10	.06	.04	.04	.03	.02		.02	.07	.13	.12	.22	.20	.08	.07	.08	.084	23	.29
19*	.09	.09	.06	.03	.09	.07	.15	.30	.24	.08	.05	.03	.02			.04	.07	.16	.24	.36	.36	.18	.11	.10	.131	22	.42
20*	.10	.08	.06	.05	.04	.05	.07	.07	.06	.05	.05	.04					.16	.33	.25	.14	.10	.06	.03	.02	.089	20	.38
21	.02	.03	.02	.01	.01	.02	.07	.14	.21	.23	.16	.02	.02	.02		.03	.08	.12	.12	.16	.15	.17	.15	.09	.089	23	.26
22	.06	.07	.08	.13	.10	.08	.13	.20	.15	.12	.05	.03	.05	.04		.04	.06	.11	.08	.09	.16	.16	.07	.05	.091	23	.23
23	.07	.06	.05	.06	.05	.05	.08	.23	.20	.10	.06	.08	.07	.05		.05	.10	.13	.15	.13	.19	.10	.05	.05	.093	23	.29
24	.06	.03	.04	.05	.05	.03	.05	.03	.03	.02	.02	.02	.02	.02		.02	.03	.05	.09	.09	.04	.02	.04	.02	.037	23	.13
25	.01	.01	.02	.01	.03	.07	.06	.36	.12	.03	.03					.02	.08	.13	.17	.19	.10	.11	.24	.12	.095	20	.47
26*	.11	.13	.12	.11	.04	.05	.10	.13	.05	.02	.02	.03	.04	.03		.02	.03	.05	.02	.03	.03	.03	.04	.05	.054	23	.18
27*	.06	.04	.04	.04	.04	.03	.03	.04	.04	.03	.03	.01	.01	.01		.02	.03	.06	.09	.09	.08	.09	.08	.10	.045	23	.12
28	.09	.04	.03	.01	.02	.10	.14	.23	.17		.03					.06	.24	.20	.29	.11	.08	.07	.07	.07	.107	19	.35
29	.05	.06	.11	.14	.14	.12	.21	.24	.27	.15	.06	.07	.03	.02		.02	.03	.03	.02	.02	.01	.01	.01	.01	.079	23	.36
30	.01	.01	.01	.02	.02	.04	.09	.21	.20	.06	.03	.02	.03	.03		.04	.09	.09	.07	.06	.06	.06	.06	.09	.060	23	.32
MEAN	.05	.05	.05	.05	.04	.06	.09	.15	.13	.08	.05	.04	.03	.03		.04	.09	.13	.14	.12	.10	.08	.07	.06	.076		
NO.	30	30	30	30	30	30	30	30	30	28	29	28	26	25	1	23	30	30	30	30	30	30	30	30		670	
MAX	.19	.18	.15	.14	.14	.18	.27	.36	.27	.23	.16	.08	.08	.10	.06	.12	.30	.35	.47	.40	.36	.23	.24	.20	.131		.54

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TABULATED THU., MAY 4, 1967

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of [illegible] and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONCENTRATION IN PPM

COLORIMETRIC ANALYSIS

DENVER, COLO.

NITRIC OXIDE
DEC. 1966

DAY OF MONTH	A.M. 12	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS.	5 MIN MAX
1	.16	.05	.00	.00	.00	.01	.02	.07	.08	.05	.06					.05	.09	.08	.04	.03	.02	.02	.03	.02	.044	20	.18
2	.02	.02	.02	.02	.03	.05	.09	.14	.22		.10	.08	.08	.09		.07	.11	.12	.08	.07	.10	.15	.17	.13	.089	22	.24
3*	.12	.14	.15	.10	.10	.11	.09	.11	.14	.11	.07	.09	.09	.05		.08		.10	.13				.09	.11	.103	19	.17
4*																											
5							.17	.24			.34	.19	.05	.02		.02	.04	.04	.03	.02	.02	.01	.01	.00	.079	15	.39
6	.00	.00	.00	.00	.00	.00	.01	.03	.04	.03	.05	.05	.04	.07			.10	.11	.06	.04	.02	.02	.04	.02	.033	22	.14
7	.02	.02	.02	.03	.03	.02	.03	.08	.10	.08			.03	.02		.03	.05	.08	.06	.03	.02	.03	.04	.03	.040	21	.14
8	.02	.02	.01	.01	.01	.02	.03	.05	.09	.09	.04	.02	.02	.02		.03	.08	.12	.04	.02	.03	.03	.01	.01	.035	23	.17
9	.01	.00	.00	.00	.00	.01	.03	.06	.08	.06	.07	.05	.02	.02		.03	.04	.08	.06	.06	.04	.05	.07	.07	.039	23	.12
10*	.05	.02	.03	.06	.05	.03	.05	.16	.14	.16				.05		.02	.07	.07	.09	.08	.12	.15	.09	.10	.078	20	.20
11*	.13	.17	.21	.15	.18	.15	.12	.07	.05	.04	.02	.02	.02	.02		.02	.03	.07	.13	.17	.12	.06	.05	.04	.089	23	.24
12	.03	.02	.01	.01	.02	.01	.04	.09	.11	.11	.07	.06	.03	.02		.05	.12	.19	.24	.30	.14	.11	.08	.05	.083	23	.34
13	.04	.05	.03	.01	.02	.02	.04	.12	.12	.08	.06	.04	.03	.02			.11	.22	.09	.09	.06	.07	.06	.02	.063	22	.26
14	.01	.01	.01	.01	.01	.06	.13	.12	.13	.12	.07	.06	.07	.06		.05	.06	.06	.08	.08	.03	.02	.02	.03	.055	23	.21
15	.04								.08	.12	.05	.02	.02	.03			.09	.16	.13	.16	.11	.11	.08	.06	.082	15	.19
16	.04	.02	.02	.02	.03	.04	.06	.10	.15	.11	.08	.07	.03	.03		.04	.11	.22	.22	.36	.27	.13	.09	.10	.101	23	.47
17*	.07	.04	.06	.04	.03	.03	.03	.05	.07	.06	.05		.03	.02			.08	.11	.12	.11	.14	.05	.06	.07	.062	21	.18
18*	.03	.03	.03	.03	.03	.02	.02	.02	.03	.03	.03	.02	.01	.01		.02	.07	.10	.22	.23	.07	.06	.04	.03	.050	23	.39
19	.02	.02	.01	.01	.01	.02	.04	.07	.10	.09	.07	.05	.04	.03		.02	.06	.05	.08	.13	.11	.11	.08	.06	.053	23	.16
20	.02	.01	.01	.00	.01	.02	.12	.20	.35	.12	.12	.04	.02	.01		.04	.17	.17	.11	.11	.08	.07	.06	.09	.083	23	.48
21	.06	.03	.03	.02	.04	.06	.08	.17	.15	.16	.10	.06	.04	.05		.06	.11	.13	.09	.17	.20	.12	.05	.03	.086	23	.29
22																											
23																											
24*																											
25*	.03	.02	.03	.02	.02	.03	.06	.10	.06	.04	.04	.05	.06	.04			.04	.06	.11	.23	.18	.20	.25	.17	.083	22	.31
26	.09	.10	.08	.06	.07	.10	.14	.13	.10	.07	.08	.05	.03	.03		.05	.04	.04	.04	.06	.04	.04	.04	.02	.063	23	.14
27	.02	.02	.02	.02	.02	.02	.04	.10	.11	.09	.06	.05	.05	.04		.07	.09	.10	.06	.06	.03	.04	.03	.02	.049	23	.13
28	.01	.01	.01	.05	.03	.02	.02	.10	.11	.19			.04	.04		.05	.06	.07	.05	.07	.04	.04	.08	.04	.053	21	.20
29	.04	.04	.03	.03	.03						.09	.09	.08	.08		.06	.08	.13	.12	.12	.13	.11	.09	.07	.077	18	.17
30	.04	.03	.03	.05	.04	.05	.08	.16	.10	.12	.09	.06	.04	.04		.04	.07	.09	.10	.07	.10	.04	.05	.07	.067	23	.20
31*	.07	.05	.08	.09	.11	.05	.04	.04	.02	.02	.03	.03	.03	.03		.03	.04	.02	.02	.02	.03	.03	.06		.043	22	.14
MEAN	.04	.04	.04	.03	.04	.04	.06	.10	.11	.09	.08	.06	.04	.03		.04	.08	.10	.09	.11	.09	.07	.07	.05	.066		
NO.	26	25	25	25	25	24	25	25	25	24	24	22	25	26		22	26	27	27	26	26	26	27	26		579	
MAX	.16	.17	.21	.15	.18	.15	.17	.24	.35	.19	.34	.19	.09	.09		.08	.17	.22	.24	.36	.27	.20	.25	.17	.103		.48

* Indicates Saturday or Sunday
Local standard time used

TABULATED THU., MAY 4, 1967

CONTINUOUS AIR MONITORING PROGRAM

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

Air Quality Section, Laboratory [illegible] and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

DENVER, COLO.

CONCENTRATION IN PPM

COLORIMETRIC ANALYSIS

NITROGEN DIOXIDE
JAN. 1966

DAY OF MONTH	AM 12	AM 1-2	AM 2-3	AM 3-4	AM 4-5	AM 5-6	AM 6-7	AM 7-8	AM 8-9	AM 9-10	AM 10-11	AM 11-12	PM 12-1	PM 1-2	PM 2-3	PM 3-4	PM 4-5	PM 5-6	PM 6-7	PM 7-8	PM 8-9	PM 9-10	PM 10-11	PM 11-12	DAILY MEAN	NO. HRS	5 MIN MAX
1*	.03	.03	.03	.03	.03	.03	.04	.04	.03	.02	.02	.01	.01	.02		.02	.02	.02	.02	.02	.02	.02	.02	.02	.023	23	.04
2*	.02	.02	.02	.02	.02	.03	.03	.02	.02	.03	.03	.03	.02	.02		.02	.03	.04	.04	.03	.04	.04	.04	.03	.027	23	.04
3	.03	.03	.04	.03	.04	.04	.04	.04				.06	.08			.07	.08	.07	.05	.08	.04	.03	.03	.03	.045	19	.10
4	.02	.01	.01	.02	.02	.02	.04	.04	.04	.04	.03	.05	.05	.04		.04	.06	.06	.05	.07	.04	.03	.03	.03	.035	23	.07
5	.03	.02	.03	.02	.02	.03	.03	.03	.04	.07	.08	.16	.11	.05		.04	.05	.05	.05	.04	.05	.05	.05	.05	.049	23	.21
6	.04	.04	.03	.03	.02	.03	.04	.05	.06	.08	.09	.03	.02	.03		.03	.04	.04	.04	.03	.02	.02	.03	.03	.036	23	.10
7	.02	.02	.02	.02	.02	.01	.02	.02	.03	.05	.07	.05	.01	.01		.02	.03	.03	.03	.03	.03	.03	.03	.03	.027	23	.07
8*	.02	.01	.01	.01	.01	.02	.02	.02	.02	.02	.02	.04	.05	.06		.20	.07	.07	.05	.03	.03	.03	.03	.03	.038	23	.23
9*	.04	.04	.01	.01	.02	.02	.04	.04	.03	.03		.02	.01	.01		.02	.02	.03	.03	.04	.03	.04	.04	.04	.027	22	.05
10	.04	.04	.05	.06	.05	.05	.06	.05	.05			.13	.09	.06		.05	.07	.05	.04	.04	.04	.04	.04	.04	.053	21	.13
11	.03	.03	.03	.03	.03	.04	.05	.05	.06	.06	.07	.09	.09	.09		.03	.04	.05	.03	.02	.02	.02	.01	.02	.044	23	.12
12	.02	.01	.02	.02	.03	.03	.03	.03	.05	.07	.08	.05	.04	.02		.03	.04	.04	.03	.03	.03	.04	.04	.03	.035	23	.08
13	.03	.03	.03	.03	.03	.03	.03	.03	.04	.04	.05	.04	.03	.03		.04	.04	.04	.04	.08	.05	.04	.04	.04	.037	23	.05
14	.04	.04	.03	.03	.03	.03	.04	.04	.04	.04	.04	.04	.05	.06		.04	.03	.04	.04	.04	.03	.03	.03	.03	.036	23	.06
15*	.03	.03	.04	.03	.03	.03	.03	.02	.03	.02	.02	.02	.03	.03		.02	.02	.03	.02	.02	.02	.02	.02	.02	.025	23	.04
16*	.02	.01	.01	.01	.01	.01	.01	.01	.02	.01	.02	.02	.02	.03		.03	.04	.04	.05	.04	.04	.03	.03	.04	.023	23	.05
17	.04	.04	.04	.03	.03	.03	.03	.04	.04			.04	.03	.03		.03	.05	.05	.05	.04	.04	.04	.04	.04	.037	21	.05
18	.04	.04	.04	.03	.03	.03	.04	.04	.05	.06	.09	.09	.10	.09		.06	.06	.06	.06	.06	.05	.07	.05	.06	.056	23	.11
19	.05	.05	.05	.04	.05	.04	.03	.03	.03	.03	.03	.03	.02	.02		.02	.02	.03	.02	.02	.02	.02	.03	.02	.030	23	.05
20	.02	.02	.02	.01	.01	.01	.02	.02	.02	.02	.02	.02	.03	.02		.03	.03	.03	.02	.02	.02	.03	.03	.03	.021	23	.03
21	.04	.04	.03	.02	.02	.03	.04	.04	.04	.04	.04	.03	.03	.03		.03	.04	.04	.05	.06	.07	.06	.05	.05	.040	23	.08
22*	.05	.06	.06	.05	.05	.04	.05	.04	.04	.03	.04	.06	.10	.09		.07	.07	.07	.07	.07	.08	.08	.07	.06	.060	23	.11
23*	.07	.07	.06	.07	.07	.07	.06	.05	.04	.03	.03	.03	.02	.02		.02	.03	.03	.04	.04	.04	.05	.05	.05	.043	23	.08
24	.04	.04	.04	.03	.03	.03	.03	.04	.04				.03	.03		.03	.04	.04	.04	.04	.04	.04	.04	.04	.037	20	.05
25	.05	.03	.02	.02	.01	.02	.03	.04	.05	.06	.06	.05	.03	.03		.03	.03	.04	.04	.04	.04	.04	.04	.03	.036	23	.07
26	.04	.03	.03	.04	.04	.04	.04	.04	.05					.04		.04	.06	.06	.07	.06	.06	.06	.05	.05	.046	19	.07
27	.05	.05	.05	.05	.06	.05	.06	.07	.05	.04	.03	.03	.04	.04		.04	.05	.05	.03	.03	.03	.03	.03	.03	.043	23	.08
28	.02	.03	.03	.03	.03	.03	.05	.04	.05	.08	.08	.05	.03	.03		.04	.04	.05	.05	.05	.05	.04	.05	.05	.043	23	.09
29*	.05	.05	.03	.03	.04	.04	.04	.04	.05	.06	.09	.09	.12	.14		.04	.05	.05	.04	.04	.05	.05	.04	.04	.055	23	.15
30*	.04	.05	.05	.05	.04	.03	.03	.03	.04	.04	.06	.05	.03	.02		.03	.04	.05	.06	.06	.08	.07	.06	.06	.047	23	.09
31	.05	.05	.05	.04	.05	.05	.05	.06	.05			.03	.04	.04		.04	.05	.04	.04	.03	.04	.03	.03	.03	.041	21	.06
MEAN	.04	.03	.03	.03	.03	.03	.04	.04	.04	.04	.05	.05	.04	.04		.04	.04	.04	.04	.04	.04	.04	.04	.04	.038		
NO.	31	31	31	31	31	31	31	31	30	25	24	29	30	30		31	31	31	31	31	31	31	31	31		695	
MAX	.07	.07	.06	.07	.07	.07	.06	.07	.06	.08	.09	.16	.12	.14		.20	.08	.07	.07	.07	.08	.08	.07	.06	.060		.23

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CONCENTRATION IN PPM

COLORIMETRIC ANALYSIS

DENVER, COLO.

NITROGEN DIOXIDE
FEB. 1964

DAY OF MONTH	AM 12	AM 1-2	AM 2-3	AM 3-4	AM 4-5	AM 5-6	AM 6-7	AM 7-8	AM 8-9	AM 9-10	AM 10-11	AM 11-12	PM 12-1	PM 1-2	PM 2-3	PM 3-4	PM 4-5	PM 5-6	PM 6-7	PM 7-8	PM 8-9	PM 9-10	PM 10-11	PM 11-12	DAILY MEAN	NO. OF HRS	5 MIN MAX
1	.03	.03	.03	.04	.04	.05	.04	.06	.05	.05	.04	.04	.04	.04			.04	.05	.05	.04	.04	.04	.04	.04	.041	22	.07
2	.05	.05	.06	.06	.05	.05	.05	.04	.06	.09	.07	.05	.04	.03		.03	.04	.04	.03	.03	.03	.04	.04	.03	.046	23	.10
3	.03	.03	.03	.03	.04	.03	.04	.04	.04	.05	.04	.04	.03	.03		.04	.05	.06	.05	.05	.05	.05	.05	.05	.040	23	.06
4	.04	.04	.04	.04	.04	.05	.05	.05	.06	.09	.09	.09	.11	.13		.06	.10	.12	.09	.08	.08	.05	.05	.05	.068	23	.15
5*	.05	.04	.04	.04	.04	.04	.04	.04	.05	.06	.07	.08	.12	.13		.04	.03	.04	.04	.04	.04	.05	.05	.05	.053	23	.14
6*	.05	.05	.04	.03	.03	.04	.05	.04	.05	.06	.05	.06	.05	.05		.05	.05	.06	[illegible]	[illegible]	.06	.06	.07	.06	.050	23	.07
7	.06	.05	.05	.04	.04	.05	.05	.05	.05			.12	.15	.15		.04	.04	.05	.05	[illegible]	.04	.04	.04	.04	.060	21	.16
8	.04	.04	.04	.04	.05	.04	.04	.04	.03	.03	.03	.03	.03	.03		.03	.04	.03	.03	.03	.02	.03	.02	.02	.033	23	.05
9	.02	.02	.03	.02	.02	.03	.03	.04	.04	.04	.04	.03	.03	.03		.03	.03	.04	.03	.03	.03	.03	.03	.03	.030	23	.05
10	.03	.03	.03	.04	.04	.04	.04	.04	.05	.06	.06	.04	.04	.03		.04	.04	.04	.04	.04	.04	.04	.04	.05	.040	23	.07
11	.05	.03	.03	.03	.04	.04	.04	.04	.06	.05	.04	.04	.04	.03		.03	.04	.05	.05	.06	.05	.04	.05	.04	.042	23	.06
12*	.04	.04	.04	.04	.04	.03	.03	.05	.07	.11	.08	.08	.05	.04		.03	.03	.03	.02	.02	.03	.03	.02	.02	.041	23	.12
13*	.02	.02	.02	.02	.02	.02	.02	.03	.03	.03	.04	.03	.03	.03		.01	.02	.03	.03	.04	.05	.05	.05	.05	.030	23	.05
14	.04	.03	.04	.04	.04	.04	.04	.04	.05		.04	.04	.03	.02		.03	.03	.05	.04	.08	.04	.04	.04	.03	.038	22	.06
15	.04	.05	.06	.06	.06	.07	.07	.08	.06	.10	.10	.04	.03	.03		.03	.03	.03	.03	.03	.04	.04	.04	.04	.050	23	.14
16	.03	.03	.03	.03	.04	.03	.04	.05	.07	.08	.05	.03	.03	.02		.04	.06	.07	.07	.08	.08	.06	.06	.05	.049	23	.09
17	.05	.04	.04	.04	.04	.03	.04	.04	.04	.04	.05	.05	.04	.03		.03	.04	.05	.04	.03	.03	.03	.04	.03	.039	23	.06
18	.02	.02	.04	.02	.02	.03	.05	.03	.04	.04	.03	.03	.04	.05		.05	.06	.05	.07	.06	.05	.05	.04	.04	.041	23	.08
19*	.05	.04	.04	.04	.04	.05	.04	.04	.04	.05	.05	.06	.04	.03		.05	.06	.06	.06	.06	.05	.04	.03	.02	.044	23	.07
20*	.02	.03	.03	.04	.03	.03	.03	.03	.03	.04	.03	.05	.06	.05		.03	.04	.03	.04	.04	.04	.02	.03	.02	.034	23	.09
21	.02	.02	.03	.03	.03	.03	.04	.04	.07			.05	.04	.04		.04	.04	.04	.03	.03	.03	.04	.04	.03	.036	21	.08
22	.03	.03	.03	.03	.03	.04	.04	.04	.06	.08	.05	.03	.04	.04		.03	.04	.04	.04	.05	.05	.05	.04	.04	.041	23	.09
23	.04	.03	.04	.04	.05	.03	.04	.05	.05	.07	.05	.05	.03	.03		.04	.05	.05	.05	.05	.04	.04	.03	.04	.043	23	.07
24	.04	.04	.03	.03	.03	.03	.03	.04	.05	.05	.05	.05	.03	.03		.03	.03	.04	.04	.05	.05	.04	.04	.04	.038	23	.07
25	.04	.03	.03	.04	.03	.04	.04	.05	.07	.07	.07	.05	.05	.05		.05	.05	.05	.06	.06	.05	.05	.05	.05	.049	23	.10
26*	.05	.05	.04	.03	.04	.04	.04	.04	.05	.05	.05	.05	.05	.05		.03	.03	.04	.05	.04	.03	.03	.03	.04	.040	23	.06
27*	.04	.03	.03	.02	.02	.03	.03	.03	.04	.06	.05	.04	.04	.03		.02	.01	.02	.03	.04	.03	.03	.04	.02	.032	23	.07
28	.03	.03	.02	.01	.01	.01	.02	.04	.05			.01	.03	.03		.03	.04	.04	.05	.04	.04	.04	.04	.04	.032	21	.06
MEAN	.04	.03	.04	.03	.03	.04	.04	.04	.05	.06	.05	.05	.05	.05		.04	.04	.05	.04	.04	.04	.04	.04	.04	.042		
NO.	28	28	28	28	28	28	28	28	28	24	25	28	28	28		27	28	28	28	28	28	28	28	28		636	
MAX	.06	.05	.06	.06	.06	.07	.07	.08	.07	.11	.10	.12	.15	.15		.06	.10	.12	.09	.08	.08	.06	.07	.06	.068		.16

* Indicates Saturday or Sunday
Local standard time used

TABULATED THU., MAY 4, 1967

CONTINUOUS AIR MONITORING PROGRAM

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

Air Quality Section, Laboratory of [illegible]
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

DENVER, COLO.

CONCENTRATION IN PPM

COLORIMETRIC ANALYSIS

NITROGEN DIOXIDE
MARCH 1966

DAY OF MONTH	AM 12	AM 12	AM 23	AM 34	AM 45	AM 56	AM 67	AM 78	AM 89	AM 910	AM 1011	AM 1112	PM 121	PM 12	PM 23	PM 34	PM 45	PM 56	PM 67	PM 78	PM 89	PM 910	PM 1011	PM 1112	DAILY MEAN	NO. OF HRS	5 MIN MAX
1	.04	.03	.04	.03	.02	.03	.02	.03	.04	.03	.03	.03	.03	.03			.03	.04	.04	.05	.05	.05	.04	.04	.034	22	.06
2	.04	.04	.04	.04	.04	.04	.04	.05	.08			.02	.02	.02		.03	.03	.04	.03	.02	.02	.02	.02	.01	.033	21	.11
3	.01	.01	.01	.01	.01	.01	.03	.03	.03	.03	.03	.04	.03	.02		.02	.03	.02	.02	.03	.02	.02	.01	.01	.020	23	.04
4	.01	.01	.03	.04	.04	.03	.04	.04	.04	.03	.03	.03	.03	.02		.03	.03	.03	.03	.03	.03	.03	.02	.02	.028	23	.04
5*	.02	.02	.02	.03	.03	.04	.03	.04	.04	.04	.03	.04	.03	.02		.02	.03	.03	.04	.04	.04	.04	.04	.04	.033	23	.09
6*	.04	.04	.04	.03	.04	.04	.04	.04	.03	.05	.05	.04	.04	.03		.02	.03	.03	.04	.04	.04	.04	.04	.04	.036	23	.09
7	.04	.04	.04	.03	.04	.04	.03	.04	.07				.03	.02		.03	.03	.03	.03	.04	.04	.04	.04	.04	.036	20	.08
8	.04	.04	.03	.03	.03	.03	.03	.04	.05	.06	.03	.02	.02	.02		.02	.03	.03	.03	.03	.04	.04	.04	.04	.033	23	.06
9	.03	.03	.03	.03	.03	.03	.03	.04	.04		.05	.05	.03	.03		.03	.03	.04	.04	.04	.04	.04	.04	.03	.034	22	.07
10	.03	.03	.03	.03	.03	.03	.03	.04	.04	.05	.06	.05	.03	.02		.03	.05	.05	.03	.03	.02	.04	.04	.03	.034	23	.07
11	.02	.02	.03	.03	.03	.03	.04	.05	.05	.05	.04	.03	.02	.02		.02	.03	.04	.04	.04	.04	.04	.03	.03	.033	23	.06
12*	.03	.03	.03	.03	.03	.03	.03	.03	.03	.05	.04	.02	.02	.02		.02	.02	.02	.04	.04	.05	.05	.04	.04	.032	23	.06
13*	.04	.04	.03	.03	.03	.03	.04	.03	.03	.03	.02	.02	.02	.01		.02	.02	.03	.04	.04	.04	.04	.04	.05	.031	23	.09
14																											
15																											
16	.03	.02	.03	.03	.03	.03	.04	.04	.04	.03	.03	.02	.02	.02		.02	.02	.02	.03	.01	.02	.02	.02	.02	.025	23	.05
17	.03	.01	.01	.01	.01	.01	.02	.03	.04		.01	.01	.01	.01		.01	.01	.02	.02	.01	.01	.02	.02	.02	.015	22	.04
18																											
19*											.07	.07	.03	.02		.02	.03	.03	.04	.08	.05	.05	.05	.04	.041	13	.08
20*	.04	.03	.03	.04	.04	.04	.03	.04	.04	.01	.01	.01	.01	.01		.02	.01	.02	.03	.03	.03	.03	.03	.03	.027	23	.06
21	.03	.03	.03	.02	.02	.03	.03	.04	.04				.03	.03		.02	.03	.03	.03	.02	.02	.02	.02	.02	.027	20	.04
22	.02	.02	.02	.02	.01	.01	.02	.04	.04	.03	.02	.02	.02	.02		.03	.03	.03	.03	.03	.03	.03	.04	.03	.025	23	.05
23	.03	.02	.02	.01	.02	.03	.03	.04	.05				.02	.02		.02	.03	.04	.03	.04	.04	.03	.03	.05	.030	20	.05
24	.04	.03	.03	.04	.04	.04	.05	.05	.07	.05	.03	.02	.02	.02		.03	.04	.04	.04	.04	.04	.04	.04	.04	.039	23	.09
25	.04	.04	.04	.03	.03	.03	.03	.04	.06	.08	.04		.02	.02		.02	.03	.03	.02	.02	.03	.03	.03	.03	.034	22	.09
26*	.03	.03	.02	.03	.03	.03	.03	.04	.05	.05	.07	.02	.02	.02		.02	.02	.03	.03	.04	.04	.04	.04	.04	.033	23	.08
27*	.04	.04	.03	.03	.03	.04	.04	.03	.03	.02	.02	.01	.01	.01		.01	.01	.01	.02	.03	.03	.03	.04	.03	.025	23	.09
28	.01	.01	.01	.01	.02	.03	.03	.04	.08				.02	.02		.02	.03	.04	.03	.03	.03	.04	.04	.04	.0[illegible]	20	.11
29	.04	.04	.03	.03	.04	.03	.03	.04	.07	.05	.03	.03		.02		.03	.03	.03	.03	.04	.05	.04	.04	.03	.0[illegible]7	22	.08
30	.03	.03	.03	.03	.02	.02	.03	.05	.08	.07	.03	.03	.03	.03		.03	.03	.05	.05	.04	.04	.05	.05	.04	.038	23	.09
31	.04	.04	.04	.03	.03	.03	.04	.06	.10	.05	.02	.02	.02	.02		.02	.03	.03	.03	.03	.03	.02	.02	.01	.033	23	.11
MEAN	.03	.03	.03	.03	.03	.03	.03	.04	.05	.04	.03	.03	.02	.02		.02	.03	.03	.03	.03	.03	.04	.03	.03	.031		
NO.	27	27	27	27	27	27	27	27	27	20	23	23	27	28		27	28	28	28	28	28	28	28	28		615	
MAX	.04	.04	.04	.04	.04	.04	.05	.06	.10	.08	.07	.07	.04	.03		.03	.05	.05	.05	.05	.05	.05	.05	.05	.041		.11

* Indicates Saturday or Sunday
Local standard time used

TABULATED: THU., MAY 4, 1967

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of [illegible] and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONCENTRATION IN PPM

COLORIMETRIC ANALYSIS

DENVER, COLO.

NITROGEN DIOXIDE
APRIL 1966

DAY OF MONTH	AM 12	1	2	3 4	4 5	5 6	6 7	7 8	8 9	9 10	10 11	11 12	PM 12 1	1 2	2 3	3 4	4 5	5 6	6 7	7 8	8 9	9 10	10 11	11 12	DAILY MEAN	NO OF HRS	5 MIN MAX
1	.02	.03	.02	.02	.01	.02	.04	.04	.04	.03	.02	.02	.02	.02		.03	.03	.04	.04	.05	.06	.04	.04	.04	.031	23	.07
2*	.04	.03	.04	.03	.02	.02	.02	.03	.05	.02	.01	.01	.02	.02		.02	.02	.02	.02	.02	.02	.02	.02	.02	.022	23	.06
3*	.02	.02	.02	.01	.01	.02	.02	.02	.02	.01	.02	.02	.02	.02		.02	.02	.02	.02	.02	.02	.03	.02		.018	23	.03
4	.02	.03	.02	.02	.02	.02	.02	.03	.03				.03	.03		.03	.03	.03	.03	.03	.02	.03	.03	.03	.026	20	.04
5	.03	.03	.03	.03	.03	.03	.03	.04	.04	.03	.03	.03	.03	.03		.04	.03	.03	.02	.02	.04	.05	.05	.04	.032	23	.05
6	.03	.03	.03	.03	.04	.04	.05	.07	.06		.03	.03	.03			.03	.04	.05	.04	.04	.03	.02	.03	.04	.037	21	.10
7	.03	.03	.03	.02	.02	.01	.02	.04	.06	.02	.01	.01	.02	.03		.02	.03	.03	.02	.02	.02	.02	.02	.03	.024	23	.06
8	.03	.02	.02	.03	.03	.04	.05	.06	.07			.04	.03	.02		.03	.03	.04	.03	.03	.03	.04	.04	.03	.035	21	.08
9*	.03	.03	.03	.03	.03	.03	.04	.06	.07	.07	.03	.02	.02	.02		.03	.04	.04	.04	.05	.06	.06	.06	.05	.040	23	.08
10*	.05	.05	.04	.04	.03	.04	.03	.04	.03	.02	.02	.02	.02	.02		.02	.03	.03	.02	.02	.02	.02	.02	.02	.028	23	.05
11	.02	.03	.02	.03	.02	.02	.03	.04	.06			.02	.02	.03		.04	.04	.05	.04	.04	.03	.02	.02	.02	.031	21	.06
12	.03	.02	.02	.02	.02	.03	.03	.05	.06	.05	.03	.02	.02	.02		.03	.04	.04	.03	.02	.02	.02	.04	.04	.029	23	.07
13	.03	.03	.02	.03	.02	.02	.02	.05	.08	.06	.04	.03	.03	.03		.03	.04	.05	.03	.02	.03	.03	.02	.03	.033	23	.09
14	.03	.03	.03	.02	.03	.03	.03	.04	.06	.06	.05	.03	.03	.03		.03	.04	.05	.04	.03	.05	.04	.04	.04	.037	23	.07
15	.04	.04	.03	.02	.02	.03	.03	.05	.06	.05	.03	.02	.02	.02		.03	.04	.05	.05	.05	.05	.05	.06	.05	.038	23	.07
16*	.04	.03	.03	.03	.03	.03	.03	.04	.04	.04	.03	.03	.04	.03		.03	.03	.03	.04	.06	.07	.06	.04	.03	.037	23	.07
17*	.02	.03	.03	.02	.01	.02	.02	.02	.02	.02	.02	.02	.02	.02		.03	.02	.02	.02	.03	.03	.02	.02	.02	.022	23	.03
18	.02	.02	.01	.01	.02	.02	.03	.03	.03				.01	.02			.02	.02	.02	.02	.02	.01	.01	.02	.020	19	.04
19	.02									.03	.03	.03	.03	.03		.03	.04	.04	.03	.03	.02	.02	.02	.02	.028	15	.04
20	.02	.02	.01	.02	.02	.02	.04	.04	.05	.05	.05	.04	.04	.04		.03	.04	.04	.04	.05	.05	.05	.05	.05	.036	23	.06
21	.05	.05	.05	.06	.05	.04	.05	.06	.08	.09	.10	.06	.03	.03		.03	.03	.04	.04	.04	.04	.05	.05	.04	.050	23	.11
22	.03	.03	.03	.03	.04	.03	.03	.03	.04	.04	.03	.03	.03	.04		.04	.04	.04	.03	.04	.04	.04	.04	.04	.034	23	.05
23*	.04	.04	.04	.04	.03	.03	.04	.03	.04	.03	.02	.02	.02	.02		.02	.02	.04	.02	.02	.02	.02	.03	.02	.028	23	.04
24*	.03	.03	.04	.04	.03	.04	.04	.03	.02	.02	.01	.01	.01	.01		.02	.02	.02	.02	.04	.04	.04	.04	.03	.026	23	.05
25	.02	.02	.02	.01	.01	.02	.04	.05			.02	.02	.02	.02		.02	.02	.02	.02	.02	.02	.03	.03	.02	.021	21	.05
26	.01	.01	.02	.01	.01	.02	.04	.04	.04	.03	.02	.01	.02	.01		.02	.02	.02	.02	.02	.02	.02	.03	.02	.020	23	.05
27	.01	.01	.00	.00	.01	.02	.03	.02	.02			.01	.01	.01		.03	.03	.02	.02	.03	.02	.03	.03	.03	.018	21	.04
28	.02	.03	.03	.02	.01	.02	.03	.02	.03	.03	.03	.04	.04	.04		.04	.05	.04	.04	.03	.03	.04	.04	.04	.031	23	.05
29	.03	.03	.03	.03	.03	.04	.05	.05	.03	.02	.02	.02	.02	.02		.02	.02	.02	.01	.01					.027	19	.07
30*																											
MEAN	.03	.03	.03	.02	.02	.03	.03	.04	.04	.04	.03	.02	.02	.02		.03	.03	.03	.03	.03	.03	.03	.03	.03	.030		
NO	29	28	28	28	28	28	28	28	27	22	24	27	29	28		28	29	29	29	29	28	28	28	28		638	
MAX	.05	.05	.05	.06	.05	.04	.05	.07	.08	.09	.10	.06	.04	.04		.04	.05	.05	.05	.06	.07	.06	.06	.05	.050		.11

* Indicates Saturday or Sunday
Local standard time used

TABULATED: THU., MAY 4, 1967

CONTINUOUS AIR MONITORING PROGRAM

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

DENVER, COLO.

NITROGEN DIOXIDE
MAY 1966

CONCENTRATION IN PPM

COLORIMETRIC ANALYSIS

DAY OF MONTH	AM 12	AM 1	AM 2	AM 3	AM 4	AM 5	AM 6	AM 7	AM 8	AM 9	AM 10	AM 11	PM 12	PM 1	PM 2	PM 3	PM 4	PM 5	PM 6	PM 7	PM 8	PM 9	PM 10	PM 11	DAILY MEAN	NO. OF HRS.	DAILY MIN MAX
1*	.03	.04	.04	.04	.03	.03	.04	.03	.03	.04	.03	.02	.02	.01		.01	.01	.01	.02	.03	.03	.03	.03	.02	.026	23	.05
2	.02	.01	.01	.02	.03	.03	.05	.05			.02	.02	.02	.02		.03	.04	.02	.03	.04	.05	.04	.04	.04	.029	21	.06
3	.03	.02	.02	.02	.03	.04	.06	.13	.11	.06	.05	.03	.02	.02		.03	.04	.03	.03	.02	.03	.04	.05	.04	.040	23	.15
4	.03	.03	.03	.02	.02	.03	.04	.05	.06	.05	.05	.04	.03	.02		.04	.04	.03	.03	.04	.05	.04	.04	.02	.035	23	.07
5	.07	.02	.02	.02	.04	.04	.05	.07	.07	.05	.05	.03	.02	.03		.03	.04	.05	.04	.03	.03	.03	.03	.04	.036	23	.07
6	.03	.03	.03	.02	.02	.02	.05	.05	.05	.05	.03	.03	.03	.03		.04	.04	.03	.03	.03	.06	.05	.05	.04	.037	23	.06
7*	.02	.02	.03	.02	.03	.03	.05	.06	.06	.04	.02	.03	.02	.02		.02	.02	.02	.03	.04	.06	.06	.06	.05	.035	23	.08
8*	.03	.04	.04	.05	.03	.02	.04	.02	.03	.02	.02	.02	.02	.02		.02	.02	.03	.04	.03	.02	.02	.01	.01	.026	23	.05
9	.01	.01	.01	.01	.02	.02	.03	.03			.03	.04	.04	.05		.07	.04	.04	.03	.03	.04	.03	.03	.02	.030	21	.07
10	.02	.02	.02	.02	.03	.03	.03	.04	.03	.03	.04	.03	.02	.02		.02	.03	.02	.03	.03	.04	.04	.01	.03	.027	23	.04
11	.02	.01	.01	.01	.02	.03	.05	.05	.04	.02	.02	.02	.02	.02		.03	.03	.02	.02	.02	.03	.02	.02	.02	.023	23	.06
12	.01	.01	.02	.02	.01	.02	.03	.03	.03	.03	.03	.03	.02	.03		.04	.04	.04	.04	.03	.04	.04	.05	.03	.029	23	.05
13	.03	.04	.03	.04	.03	.04	.05	.05	.05	.04	.02	.02	.03	.03		.03	.02	.02	.02	.03	.04	.04	.03	.04	.033	23	.07
14*	.04	.03	.02	.02	.02	.02	.03	.03	.03	.02	.03	.02	.02	.02		.01	.02	.02	.02	.03	.04	.05	.05	.05	.027	23	.06
15*	.05	.04	.04	.03	.03	.06	.04	.02	.02	.02	.02	.02	.02	.02		.02	.03	.03	.03	.04	.06	.05	.04	.04	.033	23	.06
16	.03	.02	.02	.02	.01	.02	.04	.05			.02	.01	.01	.01		.02	.02	.01	.02	.03	.04	.04	.03	.02	.023	21	.06
17	.02	.02	.02	.02	.02	.02	.04	.08	.04	.02	.02	.01	.02	.02		.03	.02	.02	.01	.01	.02	.01	.01	.01	.022	23	.10
18	.01	.00	.01	.01	.01	.02	.02	.03	.03	.02	.02	.02	.02	.02		.02	.02	.02	.02	.02	.01	.01	.01	.01	.016	23	.03
19	.01	.00	.00	.00	.01	.02	.04	.03	.02	.02	.02	.02	.02	.02		.03	.03	.02	.02	.03	.04	.04	.05	.05	.023	23	.05
20	.03	.02	.03	.02	.03	.03	.05	.06	.05	.06	.04	.04	.02	.03		.03	.03	.02	.02	.04	.04	.05	.04	.04	.035	23	.06
21*	.02	.03	.02	.01	.01	.01	.03	.02	.03	.04	.02	.02	.01	.01		.01	.01	.01	.02	.02	.02	.02	.03	.04	.020	23	.04
22*	.03	.03	.02	.01	.02	.01	.02	.01	.01	.01	.01	.01	.01	.01		.01	.01	.01	.01	.01	.02	.02	.03	.01	.014	23	.04
23	.00	.00	.00	.00	.00	.01	.03	.03			.01	.01	.01	.01		.01	.01	.02	.01	.01	.02	.01	.02	.03	.011	21	.05
24	.02	.03	.02	.03	.03	.03	.05	.05	.06	.03	.02	.02	.02	.02		.03	.03	.02	.02	.03	.04	.05	.05	.05	.031	23	.07
25	.03	.02	.02	.02	.03	.03	.05	.08	.11	.07	.04	.02	.02	.02		.03	.04	.03	.03	.03	.04	.04	.05	.05	.039	23	.12
26	.04	.04	.03	.03	.02	.03	.04	.07	.08	.07	.03	.03	.03	.03		.03	.05	.03	.02	.03	.03	.04	.04	.04	.038	23	.09
27	.03	.03	.03	.02	.03	.04	.06	.10	.08	.07	.06	.02	.02	.02		.04	.04	.03	.02	.03	.04	.04	.03	.02	.037	23	.12
28*	.02	.02	.02	.01	.01	.02	.03	.03	.04	.02	.02	.01	.01	.01		.02	.01	.01	.01	.02	.03	.03	.03	.03	.020	23	.04
29*	.02	.02	.02	.01	.01	.01	.01	.01	.02	.04	.02	.01	.02	.01		.01	.01	.01	.02	.02	.01	.02	.01	.02	.016	23	.04
30	.02	.01	.01	.01	.02	.02	.02	.02		.01	.01	.01	.01	.01		.01	.02	.01	.02	.02	.02	.02	.02	.02	.014	22	.03
31	.02	.01	.02	.01	.02	.02	.03	.03	.03	.03	.04	.04	.04	.03		.03	.04	.03	.02	.02	.03	.03	.02	.02	.026	23	.06
MEAN	.02	.02	.02	.02	.02	.03	.04	.04	.04	.04	.03	.02	.02	.02		.03	.03	.02	.02	.03	.03	.03	.03	.03	.028		
NO.	31	31	31	31	31	31	31	31	26	27	31	31	31	31		31	31	31	31	31	31	31	31	31		704	
MAX	.05	.04	.04	.05	.04	.06	.06	.13	.11	.07	.06	.04	.04	.05		.07	.05	.05	.04	.05	.06	.06	.06	.05	.040		.15

* [illegible] Local standard time used

ANALYST: THU., MAY 4, 1967

CONTINUOUS AIR MONITORING PROGRAM

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

Air Quality Section, Laboratory of [illegible] and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

DENVER, COLO.

CONCENTRATION IN PPM

COLORIMETRIC ANALYSIS

NITROGEN DIOXIDE
JUNE 1966

DAY OF MONTH	AM 12-1	AM 1-2	AM 2-3	AM 3-4	AM 4-5	AM 5-6	AM 6-7	AM 7-8	AM 8-9	AM 9-10	AM 10-11	AM 11-12	PM 12-1	PM 1-2	PM 2-3	PM 3-4	PM 4-5	PM 5-6	PM 6-7	PM 7-8	PM 8-9	PM 9-10	PM 10-11	PM 11-12	DAILY MEAN	NO. OF HRS.	5 MIN MAX
1	.02	.02	.01	.01	.02	.02	.03	.03	.02	.02	.02	.02	.02	.03		.03	.04	.03	.02	.02	.03	.03	.03	.04	.024	23	.04
2	.03	.03	.03	.03	.03	.03	.05	.06	.05	.04	.03	.02	.01	.02		.02	.03	.03	.02	.03	.03	.04	.04	.03	.032	23	.07
3	.03	.02	.02	.02	.02	.02	.04	.06	.07	.07	.04	.02	.02	.02		.02	.03	.02	.02	.01	.03	.03	.03	.03	.029	23	.09
4*	.03	.03	.02	.02	.01	.02	.03	.03	.02	.03	.02	.01	.01	.01		.02	.02	.02	.02	.04	.03	.03	.02	.01	.022	23	.04
5*	.01	.02	.02	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01			.01	.02	.01	.02	.02	.02	.02	.02	.013	22	.03
6	.01	.01	.01	.01	.02	.02	.04	.05			.01	.02	.02	.02		.02	.03	.02	.02	.02	.03	.02	.03	.03	.022	21	.05
7	.02	.02	.02	.02	.02	.02	.03	.04	.03	.03	.03	.04	.03	.03		.03	.03	.02	.02	.02	.02	.02	.01	.01	.024	23	.04
8	.01	.01	.01	.01	.01	.02	.03	.03	.03	.03	.03	.03	.03	.03		.04	.04	.03	.02	.02	.02	.02	.02	.02	.023	23	.04
9	.02	.01	.01	.01	.01	.01	.03	.04	.04	.04	.03	.04	.03	.04		.04	.06	.06	.05	.04	.04	.03	.02	.01	.030	23	.07
10	.01	.01	.01	.01	.01	.01	.03	.06	.03	.02	.03	.02	.02	.02		.04	.05	.03	.02	.04	.05	.05	.05	.04	.028	23	.07
11*	.02	.02	.02	.01	.02	.02	.03	.02	.02	.02	.03	.02	.03	.03		.03	.02	.02	.02	.03	.03	.03	.04	.05	.023	23	.06
12*	.02	.02	.02	.02	.02	.02	.02	.01	.01	.01	.01	.01	.01	.01		.01	.01	.02	.02	.02	.02	.02	.03	.03	.016	23	.04
13	.02	.03	.02	.02	.03	.03	.04	.04			.02	.02	.02	.02		.03	.03	.04	.03	.03	.03	.04	.04	.04	.030	21	.05
14	.03	.02	.01	.02	.02	.03	.04	.07	.04		.03	.03	.02	.02		.03	.03	.02	.02	.02	.03	.03	.03	.03	.027	22	.09
15	.03	.02	.02	.02	.02	.02	.02	.03	.02	.02	.02	.02	.02	.02		.03	.03	.03	.03	.02	.02	.02	.02	.02	.022	23	.04
16	.01	.01	.01	.01	.02	.02	.03	.03	.03	.03	.03	.03	.03	.02			.05	.04	.04	.03	.03	.03	.03	.03	.028	22	.06
17	.02	.01	.01	.02	.02	.02	.03	.03	.03	.03	.02	.02	.03	.03		.03	.03	.03	.03	.06	.03	.02	.02	.02	.024	23	.04
18*	.02	.02	.02	.02	.02	.02	.02	.02	.03	.03	.02	.02	.02	.03		.03	.04	.02	.02	.03	.03	.03	.04	.04	.025	23	.05
19*	.04	.03	.02	.02	.02	.02	.02	.02	.02		.01	.01	.01	.01		.02	.02	.02	.01	.02	.02	.02	.02	.02	.018	22	.04
20	.02	.01	.01	.01	.01	.02	.03	.05			.02	.02	.03	.04		.04	.03	.03	.03	.06	.05	.05	.04	.03	.028	21	.07
21	.02	.03	.02	.02	.03	.04	.05	.04	.05	.06	.04	.02	.02	.02		.05	.04	.03	.02	.02	.02	.03	.03	.02	.031	23	.06
22	.02	.02	.02	.01	.01	.02	.03	.03	.03	.02		.01	.02	.02		.03	.05	.05	.03	.04	.04	.02	.01	.01	.024	22	.06
23	.03	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02		.02	.02	.02	.02	.02	.02	.04	.05	.04	.023	23	.05
24	.03	.02	.01	.02	.02	.02	.04	.05	.04	.03	.03	.03	.02	.02		.03	.03	.02	.02	.02	.02	.03	.06	.04	.029	23	.07
25*	.03	.03	.01	.01	.01	.02	.02	.01			.01	.01	.01	.01		.01	.01	.01	.01	.02	.02	.02	.02	.03	.016	21	.04
26*	.03	.04	.03	.01	.03	.03	.03	.02	.01	.02	.01	.01	.01	.01		.02	.02	.02	.02	.02	.02	.02	.02	.02	.020	23	.04
27	.01	.02	.02	.02	.02	.02	.04	.05					.03	.03		.04	.04	.02	.03	.03	.03	.04	.05	.03	.029	19	.06
28	.02	.02	.03	.01	.02	.03	.05	.07	.05	.04	.04	.03	.02	.02		.02	.02	.01	.01	.02	.02	.02	.03	.02	.027	23	.08
29	.03	.02	.01	.02	.02	.02	.04	.07	.04	.04	.05	.03	.02	.02		.02	.02	.02	.02	.04	.03	.03	.04	.04	.029	23	.08
30	.03	.04	.04	.03	.03	.02	.03	.06	.05	.04	.02	.02	.02	.02		.04	.04	.03	.02	.02	.02	.02	.02	.02	.029	23	.07
MEAN	.02	.02	.02	.02	.02	.02	.03	.04	.03	.03	.02	.02	.02	.02		.03	.03	.03	.02	.03	.03	.03	.03	.03	.025		
NO.	30	30	30	30	30	30	30	30	25	23	28	29	30	30		28	30	30	30	30	30	30	30	30		673	
MAX	.04	.04	.04	.03	.03	.04	.05	.07	.07	.07	.05	.04	.03	.04		.05	.06	.06	.05	.05	.05	.05	.06	.05	.032		.09

* [illegible] Saving Time used
Local standard time used

TABULATED THU., MAY 4, 1967

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HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

Air Quality Section, Laboratory of [illegible] and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
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1	.01	.02	.02	.01	.02	.02	.03	.04	.04	.03	.03	.02	.02	.02		.03	.03	.02	.03	.03	.03	.02	.02	.01	.022	23	.04
2*	.01	.02	.02	.01	.02	.01	.01	.02	.02	.02	.01	.01	.01	.01		.01	.01	.01	.02	.02	.02	.03	.01	.04	.016	23	.05
3*	.03	.03	.03	.02	.01	.01	.01	.02	.02	.01	.02	.01	.00	.00		.01	.01	.01	.01	.03	.03	.03	.05	.04	.018	23	.09
4	.03	.02	.01	.01	.01	.01	.01	.01			.01	.01	.01	.01		.01	.01	.02	.02	.03	.04	.03	.04	.04	.017	21	.05
5	.03	.03	.02	.01	.02	.02	.03	.07	.05	.05	.02	.02	.02	.02		.03	.03	.03	.02	.02	.02	.04	.04	.04	.029	23	.08
6	.04	.02	.01	.01	.02	.03	.03	.04	.03				.02	.02		.03	.03	.02	.02	.03	.03	.02	.01	.02	.024	20	.05
7	.01	.00	.01	.01	.01	.01	.02	.02	.03	.03	.02	.05	.03	.02		.02	.02	.01	.01	.03	.04	.04	.02	.01	.020	23	.06
8	.01	.01	.01	.01	.00	.01	.04	.09	.04	.03	.04	.02	.02	.02		.03	.03	.02	.02	.03	.03	.04	.04	.03	.027	23	.09
9*	.05	.02	.01	.01	.01	.01	.01	.02	.02	.03	.02	.01	.01	.01		.01	.01	.01	.01	.01	.01	.01	.01	.01	.014	23	.04
10*	.01	.02	.01	.01	.01	.01	.01	.01	.01	.01	.01	.02	.02	.01			.02	.02	.04	.05	.04	.04	.05	.05	.022	22	.06
11	.04	.03	.02	.02	.02	.02	.03	.06			.04	.03	.02	.02		.04	.04	.03	.03	.05	.02	.03	.03	.03	.029	21	.08
12	.02	.02	.01	.01	.02	.02	.03	.05	.04	.02			.03	.03		.03	.03	.02	.02	.02	.03	.03	.02	.02	.025	21	.06
13	.02	.01	.02	.01	.02	.03	.06	.07	.03	.03	.04	.02	.02	.02		.04	.03	.02	.02	.01	.02	.02	.03	.02	.026	23	.09
14	.02	.02	.02	.02	.01	.02	.03	.03	.03	.02	.03	.02	.01	.03		.02	.02	.02	.02	.02	.03	.03	.03	.03	.022	23	.04
15	.02	.02	.01	.01	.01	.02	.03	.04	.06	.06		.03	.02	.02		.02	.03	.03	.02	.03	.03	.03	.03	.03	.026	22	.07
16*	.03	.02	.01	.01	.01	.02	.03	.04	.03	.03	.02	.02	.01	.01		.01	.02	.02	.02	.02	.02	.01	.01	.01	.018	23	.05
17*	.01	.01	.01	.01	.01	.02	.02	.02	.02	.02	.02	.02	.01	.02		.02	.02	.02	.02	.03	.02	.01	.02	.01	.017	23	.04
18	.01	.01	.01	.01	.01	.02	.04	.05			.03	.02	.03	.03		.04	.04	.04	.03	.04	.05	.04	.03	.02	.027	21	.06
19	.02	.02	.01	.02	.02	.04	.04	.05	.03	.03	.02	.02	.02	.02		.04	.05	.04	.03	.03	.03	.03	.02	.02	.028	23	.07
20	.02	.02	.01	.03	.03	.03	.03	.04	.06	.04				.02		.03	.06	.03	.02	.01	.01	.02	.03	.03	.029	20	.06
21	.02	.03	.02	.02	.02	.03	.04	.04					.04	.02		.03	.04	.03	.02	.03	.04	.04	.04	.03	.029	19	.05
22	.03	.01	.01	.01	.01	.02	.03	.03	.05	.01	.00	.00	.00	.00		.04	.04	.03	.02	.03	.04	.04	.04	.03	.023	23	.06
23*	.03	.03	.01	.02	.02	.03	.03	.05	.04	.02	.02	.02	.01	.02		.02	.02	.03	.04	.05	.06	.06	.06	.02	.030	23	.07
24*	.02	.03	.03	.02	.01	.02	.03	.03	.03	.04	.02	.01	.01	.01			.02	.03	.03	.06	.04	.04	.03	.03	.025	22	.05
25	.02	.02	.04	.04	.03	.03	.05	.08	.07					.01		.03	.04	.04	.02	.06	.02	.02	.03	.02	.033	19	.09
26	.02	.02	.01	.02	.03	.03	.06	.07	.07	.05	.03	.02	.02	.01		.03	.04	.03	.03	.02	.03	.02	.03	.04	.031	23	.08
27	.02	.02	.02	.02	.02	.02	.04	.05	.05	.04	.03	.02	.02	.03		.05	.04	.02	.03	.03	.03	.04	.04	.03	.029	23	.06
28	.03	.02	.03	.02	.02	.03	.04	.05	.05	.04	.03	.02	.02	.02		.03	.03	.02	.03	.03	.04	.03	.02	.01	.028	23	.05
29	.01	.01	.01	.01	.01	.02	.03	.03	.03	.04	.03	.02	.02	.02		.02	.03	.02	.02	.01	.01	.01	.02	.02	.020	23	.05
30*	.02	.02	.02	.03	.03	.03	.03	.03	.03	.02	.03	.02	.01	.01		.01	.02	.02	.02	.02	.02	.02	.02	.02	.022	23	.04
31*	.02	.02	.01	.01	.01	.02	.03	.03	.02	.02	.02	.01	.01	.02		.02	.02	.02	.02	.03	.03	.02	.03	.03	.019	23	.04
MEAN	.02	.02	.02	.01	.02	.02	.03	.04	.04	.03	.02	.02	.02	.02		.03	.03	.02	.02	.03	.03	.03	.03	.03	.024		
NO.	31	31	31	31	31	31	31	31	27	25	25	26	29	31		29	31	31	31	31	31	31	31	31		688	
MAX	.04	.03	.04	.04	.03	.04	.06	.09	.07	.06	.04	.05	.04	.03		.05	.06	.04	.04	.05	.06	.06	.06	.05	.033		.09

* Indicates Saturday or Sunday
Local standard time used

TABULATED THU., MAY 4, 1967

CONTINUOUS AIR MONITORING PROGRAM

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

Air Quality Section, Laboratory of [illegible] and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

DENVER, COLO.

CONCENTRATION IN PPM

NITROGEN DIOXIDE
AUG. 1966

COLORIMETRIC ANALYSIS

DAY OF MONTH	AM 12-1	AM 1-2	AM 2-3	AM 3-4	AM 4-5	AM 5-6	AM 6-7	AM 7-8	AM 8-9	AM 9-10	AM 10-11	AM 11-12	PM 12-1	PM 1-2	PM 2-3	PM 3-4	PM 4-5	PM 5-6	PM 6-7	PM 7-8	PM 8-9	PM 9-10	PM 10-11	PM 11-12	DAILY MEAN	NO. OF HRS	5-MIN MAX
1	.03	.02	.02	.02	.03	.04	.05	.05				.04	.04	.03		.03	.04	.04	.03	.03	.03	.03	.04	.03	.031	20	.06
2	.02	.01	.02	.03	.02	.02	.03	.04	.03	.04	.03	.02	.02	.02		.04	.04	.03	.04	.05	.04	.04	.03	.04	.031	23	.05
3	.03	.03	.02	.02	.03	.03	.04	.05	.04	.05	.08	.04	.03	.04		.05	.05	.04	.02	.02	.04	.04	.04	.04	.037	23	.11
4	.03	.02	.02	.02	.02	.04	.05	.06	.04	.03	.03	.02	.02	.03		.04	.04	.02	.03	.03	.03	.02	.03	.02	.029	23	.07
5	.03	.02	.02	.02	.03	.03	.05	.05	.05	.04	.03	.03	.03	.03		.03	.03	.02	.03	.03	.03	.03	.04	.03	.031	23	.06
6*	.03	.03	.02	.02	.02	.04	.04	.06	.05	.03	.02	.02	.02	.02		.02	.02	.02	.03	.04	.05	.04	.03	.04	.030	23	.07
7*	.04	.03	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02			.01	.02	.02	.02	.01	.02	.02	.02	.020	22	.05
8	.01	.01	.02	.01	.02	.01	.02	.02					.02	.02		.04	.04	.03	.02	.02	.02	.01	.01	.02	.019	19	.05
9	.02	.02	.02	.02	.01	.02	.03	.04	.02	.02	.03	.03	.03	.03		.03	.03	.03	.02	.02	.03	.01	.01	.02	.023	23	.07
10	.02	.02	.02	.01	.02	.02	.04	.05				.02	.02	.02		.02	.03	.02	.02	.03	.02	.02	.02	.02	.023	20	.06
11																											
12																											
13*																											
14*	.02	.02	.01	.01	.02	.02	.02	.02	.02	.02	.02	.01	.01	.01		.01	.02	.02	.02	.03	.03	.01	.01	.02	.018	23	.04
15	.02	.02	.03	.02	.01	.02	.02	.04	.04			.01	.02	.02		.03	.03	.03	.02	.03	.03	.03	.03	.03	.024	21	.06
16	.03	.02	.02	.03	.03	.04	.04	.06	.06	.05	.04	.03	.02	.02		.03	.04	.03	.03	.04	.04	.04	.04	.04	.035	23	.07
17	.04	.04	.04	.03	.04	.04	.05	.07	.09	.07	.06	.03	.03	.03		.02	.02	.01	.01	.01	.01	.02	.01	.01	.034	23	.10
18	.02	.02	.02	.02	.01	.01	.02	.04	.04	.03	.02	.03	.02	.02		.03	.05	.04	.04	.05	.04	.03	.03	.03	.028	23	.09
19																											
20*	.04	.04	.03	.03	.03	.03	.03	.03	.03	.03	.03	.02	.02	.03			.02	.03	.03	.03	.04	.04	.05		.031	21	.09
21*		.03	.03	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02			.02	.02	.02	.03	.03	.03		.02	.021	20	.03
22	.02			.01	.01	.02	.02	.03	.04	.05	.05	.07				.03	.03	.02	.03	.03	.03	.03	.03	.03	.030	19	.27
23	.03	.01	.04	.01	.02	.02	.02	.02	.02	.02	.02	.02	.03	.03		.04	.06	.04	.03	.03	.02	.02	.03	.04	.027	23	.09
24	.03	.02	.02	.03	.03	.03	.03	.06	.09	.07		.05	.03	.03			.03	.02	.03	.03	.04	.04	.04	.04	.038	21	.10
25	.04	.04	.03	.04	.04	.03	.04	.08	.09	.08	.06	.04	.03	.02		.03	.03	.03	.04	.06	.05	.04	.04	.04	.043	23	.10
26	.04	.04	.02	.02	.02	.03	.04	.06	.07	.05	.04	.03	.02	.03		.03	.03	.02	.03	.02	.02	.02	.03	.04	.032	23	.08
27*	.03	.02	.02	.02	.04	.03	.03	.05	.06	.04	.02	.02	.02	.02		.02	.02	.02	.03	.04	.04	.04	.03	.03	.030	23	.07
28*	.04	.05	.05	.04	.03	.03	.04	.03	.04	.03	.03	.03	.03	.03		.03	.03	.04	.04	.04	.04	.05	.04	.04	.036	23	.06
29	.03	.02	.02	.02	.03	.03	.04	.09	.06	.05			.03	.02		.03	.05	.02	.02	.02	.02	.03	.02	.02	.032	21	.10
30																											
31																											
MEAN	.03	.02	.02	.02	.02	.03	.03	.05	.05	.04	.03	.03	.02	.02		.03	.03	.03	.03	.03	.03	.03	.03	.03	.029		
NO.	24	24	24	25	25	25	25	25	22	21	19	23	24	24		21	25	25	25	25	25	25	24	24		549	
MAX	.04	.05	.05	.04	.04	.04	.05	.09	.09	.08	.08	.07	.04	.04		.05	.06	.04	.04	.06	.05	.05	.05	.04	.043		.11

* Indicates Saturday or Sunday
Local standard time used

TABULATED THU., MAY 4, 1967

CONTINUOUS AIR MONITORING PROGRAM

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

Air Quality Section, Laboratory of [illegible] and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

DENVER, COLO.

CONCENTRATION IN PPM

COLORIMETRIC ANALYSIS

NITROGEN DIOXIDE
SEPT. 1966

DAY OF MONTH	AM 12	AM 1	AM 2	AM 3	AM 4	AM 5	AM 6	AM 7	AM 8	AM 9	AM 10	AM 11	PM 12	PM 1	PM 2	PM 3	PM 4	PM 5	PM 6	PM 7	PM 8	PM 9	PM 10	PM 11	DAILY MEAN	NO. OF HRS	5 MIN MAX
1																											
2		.02	.03	.03	.02	.03	.04	.05	.05	.04	.03	.03	.04	.03		.03	.03	.03	.02	.03	.04	.04	.04	.05	.034	22	.06
3*	.05	.03	.03	.02	.02	.02	.03	.03	.02	.03	.03	.02	.03	.02		.02	.02	.02	.03	.03	.04	.05	.04	.03	.029	23	.05
4*	.03	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.01			.02	.03	.04	.04	.05	.05	.04	.02	.026	22	.06
5	.02	.01	.01	.01	.02	.02	.02	.03	.03	.02	.02	.01	.01	.01		.02	.01	.02	.03	.03	.03	.04	.04	.03	.022	23	.04
6	.03	.03	.02	.02	.03	.03	.03	.09	.09	.05	.04	.04	.03			.03	.04	.03	.04	.04	.04	.04	.03	.02	.037	22	.12
7	.03	.03	.02	.02	.02	.04	.05	.07	.07	.04	.03	.03	.03	.03		.05	.06	.04	.04	.05	.05	.04	.04	.03	.039	23	.08
8	.02	.03	.02	.02	.03	.03	.04	.07	.09	.06	.03	.02	.02	.02		.04	.04	.04	.06	.06	.07	.06	.05	.04	.040	23	.11
9	.03	.02	.02	.02	.02	.03	.04	.06	.08	.07	.04	.02	.03	.02		.03	.03	.02	.03	.03	.03	.03	.03	.03	.033	23	.09
10*	.02	.01	.01	.02	.02	.03	.03	.03	.04	.03	.02	.02	.01	.02		.02	.02	.02	.02	.03	.04	.03	.03	.03	.023	23	.04
11*	.02	.02	.02	.01	.01	.01	.02	.03	.04	.04	.02	.01	.01	.01		.03	.03	.02	.02	.02	.01	.02	.02	.02	.019	23	.05
12	.01	.02	.01	.01	.03	.03	.03	.07	.09	.09	.05			.02		.04	.04	.03	.04	.04	.03	.03	.02	.02	.035	21	.11
13	.02	.02	.02	.02	.02	.02	.02	.08	.09			.03	.04	.03		.03	.04	.03	.03	.03	.02	.02	.02	.01	.031	21	.13
14	.01	.01	.01	.01	.01	.01	.02	.02	.02	.03	.04	.04	.04	.03		.03	.03	.03	.03	.03	.04	.04	.03	.02	.025	23	.05
15	.01	.02	.02	.01	.02	.02	.03	.03	.03	.04	.04	.03	.03	.03		.03	.04	.03	.02	.02	.02	.02	.02	.03	.025	23	.04
16	.03	.03	.03	.03	.03	.02	.03	.04	.04		.05	.04	.04	.03		.05	.06	.07	.09	.07	.07	.06	.06	.06	.047	22	.09
17*	.04	.04	.03	.05	.04	.04	.04	.05	.08	.07	.03	.02	.02	.02		.02	.02	.03	.04	.06	.05	.06	.05	.05	.041	23	.09
18*	.04	.03	.03	.02	.03	.03	.03	.03	.03	.03	.04	.03	.02	.02			.02	.02	.04	.05	.05	.05	.04	.03	.032	22	.06
19	.04	.03	.03	.03	.03	.03	.04	.06			.03	.04	.04	.05		.06	.06	.05	.06	.05	.05	.05	.06	.05	.043	21	.06
20	.03	.05	.04	.05	.03	.03	.04	.06	.10	.12	.09	.05	.03	.02		.04	.05	.04	.04	.05	.06	.06	.05	.04	.050	23	.13
21	.03	.03	.03	.03	.03	.03	.04	.09	.14	.04	.03	.02	.02	.02		.03	.03	.03	.05	.05	.05	.05	.04	.04	.041	23	.18
22	.03	.03	.03	.03	.03	.03	.03	.06	.08	.10	.06	.04	.02	.03		.03	.04	.03	.03	.04	.04	.04	.04	.03	.039	23	.12
23	.03	.02	.02	.02	.01	.01	.01	.02	.09	.07	.07	.10	.05	.03		.04	.05	.06	.06	.06	.07	.05	.04	.04	.043	23	.11
24*	.03	.03	.03	.02	.02	.02	.02	.02	.01	.01	.03	.02	.02	.02		.03	.04	.04	.04	.04	.05	.03	.02	.01	.025	23	.05
25*	.02	.03	.02	.02	.02	.02	.01	.01	.02	.02	.02	.04	.04	.02			.03	.03	.03	.03	.03	.04	.01	.01	.023	22	.07
26	.01	.01	.01	.01	.01	.02	.03	.03	.03	.04			.03	.03		.04	.04	.03	.03	.03	.03	.02	.02	.02	.025	21	.06
27	.02	.04	.02	.02	.02	.03	.04	.04	.04	.03	.03	.02	.03	.03		.04	.04	.05	.05	.04	.03	.03	.03	.04	.033	23	.07
28	.02	.02	.03	.02	.02	.02	.02	.03	.04	.04	.05	.04	.04	.03		.03	.04	.04	.06	.08	.07	.05	.04	.05	.038	23	.08
29	.03	.02	.01	.02	.02	.03	.04	.05	.05				.03	.03		.03	.05	.04	.02	.02	.02	.02	.01	.01	.027	20	.06
30	.01	.01	.02	.02	.01	.02	.03	.04	.04	.03	.03	.03	.04	.04		.04	.05	.04	.04	.04	.04	.03	.03	.03	.030	23	.05
MEAN	.03	.02	.02	.02	.02	.02	.03	.04	.05	.05	.04	.03	.03	.03		.03	.03	.03	.04	.04	.04	.04	.03	.03	.033		
NO.	28	29	29	29	29	29	29	29	28	25	26	26	28	28		26	29	29	29	29	29	29	29	29		650	
MAX	.05	.05	.04	.05	.04	.04	.05	.09	.14	.12	.09	.10	.05	.05		.06	.06	.07	.09	.08	.07	.06	.06	.06	.050		.18

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TABULATED THU., MAY 4, 1967

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of [illegible] and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONCENTRATION IN PPM

COLORIMETRIC ANALYSIS

DENVER, COLO.

NITROGEN DIOXIDE
OCT. 1966

DAY OF MONTH	AM 12	1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	PM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS	5 MIN MAX
1*		.03	.03	.03	.03	.03	.03	.03	.03	.04	.06	.09	.06	.05	.03		.03	.03	.07	.07	.08	.09	.06	.05	.05	.048	23	.10
2*		.04	.04	.03	.03	.03	.03	.03	.03	.03	.03	.02	.02	.02	.01		.02	.02	.03	.04	.05	.02	.02	.02	.02	.025	23	.04
3		.02	.02	.02	.02	.02	.02	.02	.02	.02	.03	.03	.03	.03	.03		.03	.03	.04	.04	.06	.03	.04	.03	.03	.028	23	.04
4		.03	.03	.03	.02	.02	.03	.03	.06	.07			.03	.03	.03		.04	.04	.04	.05	.05	.05	.04	.04	.04	.038	21	.09
5		.04	.04	.04	.04	.04	.04	.05	.06	.10	.14	.13	.06	.04	.03		.06	.11	.13	.10	.08	.09	.10	.07	.05	.070	23	.16
6		.04	.04	.03	.03	.03	.03	.03	.05	.07	.09	.06	.04	.03	.03		.04	.05	.07	.09	.06	.07	.05	.06	.05	.048	23	.10
7		.05	.04	.04	.03	.03	.04	.04	.06	.07	.08	.06	.05	.03	.03		.04	.05	.04	.05	.05	.03	.04	.05	.03	.045	23	.09
8*		.03	.04	.04	.04	.04	.03	.03	.03	.05	.05	.04	.03	.03	.03		.02	.03	.03	.04	.04	.04	.05	.05	.05	.037	23	.05
9*		.04	.04	.04	.04	.04	.04	.02	.02	.02	.02	.02	.02	.02	.02			.03	.05	.04	.04	.05	.04	.04	.04	.033	22	.06
10		.04	.04	.03	.04	.04	.04	.04	.05	.06	.06			.02	.02		.04	.04	.05	.05	.04	.04	.04	.04	.04	.041	21	.08
11		.04	.04	.04	.03	.03	.04	.04	.05	.05	.05	.05	.04	.03	.04		.03	.04	.06	.06	.06	.04	.03	.03	.03	.041	23	.07
12		.03	.03	.02	.02	.03	.04	.04	.06	.10	.09	.05	.03	.03	.03		.04	.04	.05	.05	.05	.05	.04	.04	.04	.043	23	.12
13		.03	.03	.02	.03	.02	.02	.03	.04	.05	.04	.03	.02	.02	.02		.03	.04	.03	.03	.02	.02	.01	.01	.01	.026	23	.06
14		.01	.01	.01	.01	.01	.01	.02	.03	.03	.03	.03	.03	.03	.03		.03	.03	.03	.03	.03	.04	.04	.04	.04	.026	23	.06
15*		.04	.04	.03	.03	.04	.04	.03	.04	.05	.06	.06	.05	.05	.05		.05	.06	.08	.08	.11	.10	.09	.09	.07	.057	23	.12
16*		.04	.03	.03	.04	.06	.05	.03	.03	.03	.02	.02	.02	.02	.03			.03	.04	.05	.06	.05	.05	.06	.05	.038	22	.07
17																												
18																												
19																												
20																												
21																												
22*																												
23*																												
24												.03	.03	.02	.02		.04	.04	.05	.05	.04	.04	.04	.03	.03	.035	13	.05
25		.03	.03	.03	.03	.03	.04	.04	.05	.05	.05	.05	.04	.03	.05		.05	.06	.09	.09	.10	.06	.04	.04	.04	.048	23	.11
26		.03	.03	.03	.03	.04	.04	.04	.05	.05	.05	.05	.03	.03	.03		.04	.07	.07	.05	.06	.05	.05	.04	.04	.042	23	.08
27		.04	.04	.03	.03	.03	.04	.04	.05	.06	.08	.07	.05	.04	.04		.04	.06	.06	.05	.06	.06	.06	.06	.05	.049	23	.08
28		.05	.05	.05	.04	.04	.03	.04	.05	.10	.12	.04	.05	.04	.05		.06	.06	.04	.04	.03	.03	.04	.03	.03	.047	23	.18
29*		.03	.03	.03	.02	.03	.03	.03	.03	.03	.04	.07	.10	.07	.06		.06	.05	.06	.06	.07	.08	.07	.06	.05	.050	23	.10
30*		.04	.03	.03	.03	.02	.02	.02	.02	.04	.04	.04	.02	.02	.02		.02	.03	.05	.03	.04	.04	.05	.05	.04	.032	23	.05
31		.04	.03	.03	.03	.03	.04	.03	.04	.03	.03	.03	.03	.03	.04		.03	.04	.04	.04	.06	.04	.04	.04	.04	.035	23	.04
MEAN		.03	.03	.03	.03	.03	.03	.03	.04	.05	.06	.05	.04	.03	.03		.04	.04	.05	.05	.05	.05	.04	.04	.041		
NO.		23	23	23	23	23	23	23	23	23	22	22	23	24	24		22	24	24	24	24	24	24	24	24		336	
MAX		.05	.05	.05	.04	.06	.05	.05	.06	.10	.14	.13	.10	.07	.06		.06	.11	.13	.10	.11	.10	.10	.09	.07	.070		.18

* Indicates Saturday or Sunday
Local standard time used

TABULATED THU., MAY 4, 1967

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory [illegible]
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONCENTRATION IN PPM

COLORIMETRIC ANALYSIS

DENVER, COLO.

NITROGEN DIOXIDE
NOV. 1966

DAY OF MONTH	AM 12-1	AM 1-2	AM 2-3	AM 3-4	AM 4-5	AM 5-6	AM 6-7	AM 7-8	AM 8-9	AM 9-10	AM 10-11	AM 11-12	PM 12-1	PM 1-2	PM 2-3	PM 3-4	PM 4-5	PM 5-6	PM 6-7	PM 7-8	PM 8-9	PM 9-10	PM 10-11	PM 11-12	DAILY MEAN	NO. OF HRS	5 MIN MAX
1	.03	.03	.03	.03	.04	.03	.03	.03	.05	.05	.05	.06	.04	.03			.04	.05	.05	.05	.04	.03	.04	.04	.040	22	.06
2	.04	.04	.04	.04	.03	.04	.03	.05	.09	.10	.03	.03	.03	.03		.04	.05	.05	.04	.05	.03	.04	.04	.05	.044	23	.13
3	.05	.05	.04	.03	.03	.03	.03	.05	.07	.13	.12	.12	.07	.04		.04	.04	.04	.05	.04	.04	.04	.04	.03	.053	23	.14
4	.01	.01	.02	.02	.03	.02	.02	.03	.03	.03	.03	.03				.04	.04	.04	.03	.04	.03	.03	.03	.03	.028	21	.05
5*	.03	.03	.03	.04	.04	.03	.03	.04	.08	.09	.08	.11	.05	.07		.10	.12	.13	.13	.10	.08	.06	.04	.04	.067	23	.15
6*	.04	.03	.03	.03	.03	.02	.04	.04	.04	.04	.04	.05	.06	.05		.02	.05	.06	.05	.05	.05	.05	.05	.05	.041	23	.06
7	.04	.05	.04	.02	.02	.04	.05	.06	.08	.12	.10	.04	.03	.03		.05	.05	.05	.04	.04	.04	.04	.04	.03	.047	23	.14
8	.02	.02	.02	.03	.03	.03	.03	.02	.02	.02	.02	.02	.02	.03		.03	.03	.03	.02	.02	.02	.02	.02	.02	.023	23	.03
9	.02	.02	.02	.03	.03	.03	.03	.03	.04	.04	.04	.05	.08	.10			.07	.05	.05	.05	.06	.06	.05	.05	.045	22	.11
10	.05	.06	.07	.06	.05	.06	.05	.03	.04	.05	.05	.14	.12	.14			.14	.14	.12	.06	.03	.03	.04	.03	.070	22	.17
11	.03	.04	.04	.04	.04	.03	.04	.04	.03	.03	.03	.03	.03	.03			.05	.04	.04	.03	.03	.03	.03	.03	.034	22	.05
12*	.04	.03	.03	.03	.03	.03	.04	.04	.07	.06	.04	.03	.02	.02			.02	.03	.04	.04	.04	.05	.04	.04	.036	22	.09
13*	.03	.03	.03	.03	.03	.03	.03	.03	.02	.02	.03	.02	.02	.02			.04	.05	.05	.05	.05	.05	.04	.04	.034	22	.06
14	.04	.04	.04	.04	.04	.04	.05	.06	.07			.27	.25	.18			.05	.06	.06	.06	.05	.05	.03	.02	.075	20	.29
15	.02	.02	.02	.02	.02	.02	.03	.04	.04	.04	.04	.08	.05	.04		.06	.08	.07	.07	.07	.05	.04	.04	.03	.042	23	.10
16	.03	.03	.03	.03	.03	.04	.04	.04	.05	.05	.04	.03	.04	.05			.12	.15	.14	.10	.06	.04	.03	.03	.054	22	.16
17	.03	.03	.03	.03	.02	.04	.03	.03	.05	.07	.04	.04	.04	.04		.04	.04	.04	.03	.03	.03	.04	.03	.03	.036	23	.08
18	.03	.04	.04	.03	.03	.03	.03	.03	.03	.02	.02	.03	.05	.04		.05	.07	.07	.04	.05	.05	.04	.04	.04	.038	23	.09
19*	.03	.03	.03	.03	.04	.03	.04	.06	.06	.08	.11	.08	.06	.06		.09	.09	.06	.06	.07	.09	.07	.05	.05	.058	23	.14
20*	.04	.04	.04	.03	.03	.03	.03	.03	.03	.04	.05	.05					.10	.10	.06	.05	.03	.03	.03	.02	.043	20	.11
21	.02	.03	.02	.01	.01	.02	.03	.03	.05	.09	.23	.08	.04	.03		.04	.05	.05	.04	.04	.05	.04	.04	.03	.047	23	.30
22	.03	.04	.04	.04	.04	.03	.04	.04	.05	.08	.08	.04	.04	.04		.03	.04	.05	.06	.05	.05	.04	.04	.04	.044	23	.11
23	.04	.04	.03	.03	.03	.03	.03	.04	.06	.06	.03	.04	.03	.03		.03	.04	.05	.05	.04	.04	.04	.04	.03	.038	23	.08
24	.03	.03	.03	.03	.03	.02	.03	.03	.03	.02	.03	.03	.04	.04		.03	.04	.04	.05	.04	.03	.02	.03	.03	.031	23	.05
25	.03	.03	.03	.02	.03	.04	.03	.06	.06	.04	.04			.03		.03	.04	.04	.04	.04	.03	.03	.04	.03	.036	21	.07
26*	.03	.03	.04	.04	.03	.03	.04	.04	.03	.02	.02	.03	.03			.02	.03	.03	.03	.03	.03	.03	.03	.04	.029	22	.05
27*	.04	.03	.03	.03	.03	.03	.03	.03	.03	.03	.04	.03	.02			.03	.04	.04	.05	.04	.05	.05	.04	.04	.035	22	.05
28	.04	.03	.03							.05	.07	.06				.07	.10	.11	.10	.06	.05	.04	.04	.04	.059	15	.11
29	.03	.03	.05	.05	.05	.05	.06	.05	.09	.15	.09	.06	.04	.03		.03	.03	.03	.03	.02	.02	.01	.02	.02	.045	23	.18
30	.02	.02	.03	.03	.03	.03	.03	.03	.05	.05	.05	.05	.07	.07		.04	.03	.03	.03	.03	.03	.02	.02	.02	.034	23	.08
MEAN	.03	.03	.03	.03	.03	.03	.03	.04	.05	.06	.06	.06	.05	.05		.04	.06	.06	.06	.05	.04	.04	.04	.03	.043		
NO.	30	30	30	29	29	29	29	29	29	29	29	29	26	25		21	30	30	30	30	30	30	30	30		663	
MAX	.05	.06	.07	.06	.05	.06	.06	.06	.09	.15	.23	.27	.25	.18		.10	.14	.15	.14	.10	.09	.07	.05	.05	.075		.30

* Indicates Saturday or Sunday

Local standard time used

TABULATED: THU., MAY 4, 1967

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of [illegible] and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONCENTRATION IN PPM

COLORIMETRIC ANALYSIS

DENVER, COLO.

NITROGEN DIOXIDE
DEC. 1966

DAY OF MONTH	AM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	PM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS	5 MIN. MAX
1	.03	.01	.00	.00	.00	.00	.00	.00	.00	.00	.01					.02	.02	.02	.01	.01	.01	.01	.01	.01	.009	20	.03
2	.02	.02	.02	.02	.02	.02	.02	.02	.03			.11	.08	.05		.04	.04	.04	.03	.06	.04	.04	.04	.04	.037	21	.11
3*	.04	.04	.04	.04	.04	.04	.04	.04	.04	.05	.05	.05	.05	.06		.04	.05	.05	.07	.07	.04	.04	.04	.04	.046	23	.08
4*	.04	.03	.04	.04	.04	.04	.04	.03	.04	.03	.04	.04	.04	.03			.05	.04	.04	.06	.05	.06	.06	.06	.041	22	.07
5	.05	.04	.06	.06	.05	.04	.05	.05	.06	.14	.25	.33	.25	.08		.03	.04	.03	.03	.03	.03	.02	.02	.03	.076	23	.35
6	.02	.02	.03	.03	.03	.03	.02	.03	.04	.04	.05	.05	.04	.06			.07	.07	.06	.05	.04	.05	.05	.03	.041	22	.08
7	.03	.04	.04	.04	.05	.04	.04	.05	.05	.06			.03	.03		.03	.04	.05	.04	.04	.04	.04	.04	.03	.040	21	.06
8	.03	.03	.03	.02	.03	.03	.03	.03	.04	.06	.04	.03	.03	.03		.04	.04	.05	.04	.03	.04	.03	.03	.02	.033	23	.06
9	.02	.02	.02	.02	.02	.02	.03	.04	.05	.05	.07	.05	.04	.03		.03	.04	.04	.04	.04	.04	.04	.04	.04	.036	23	.08
10*	.04	.03	.04	.04	.04	.04	.04	.05	.05	.09	.10	.10	.10	.12		.04	.05	.05	.05	.05	.06	.06	.05	.05	.057	23	.12
11*	.05	.05	.05	.04	.05	.04	.04	.03	.03	.03	.03	.03	.02	.02		.02	.03	.04	.05	.05	.04	.04	.03	.03	.037	23	.06
12	.03	.03	.03	.03	.03	.02	.03	.03	.04	.05	.04	.04	.04	.03		.05	.06	.09	.09	.08	.04	.04	.04	.04	.044	23	.09
13	.03	.04	.03	.02	.03	.03	.03	.04	.04	.04	.06	.06	.04	.03		.04	.05	.05	.04	.04	.04	.03	.03	.02	.036	23	.06
14	.02	.02	.02	.02	.03	.03	.05	.04	.04	.07	.07	.08	.08	.08		.04	.04	.04	.04	.06	.03	.03	.03	.03	.041	23	.11
15										.04	.03	.02	.02	.02		.03	.04	.04	.04	.04	.04	.03	.03	.03	.032	14	.05
16	.03	.03	.03	.03	.03	.03	.03	.04	.04	.04	.05	.06	.07	.06		.04	.05	.05	.06	.06	.06	.04	.04	.04	.043	23	.09
17*	.04	.04	.04	.04	.04	.03	.03	.03	.04	.05	.07		.07	.06		.05	.05	.05	.05	.05	.05	.05	.05	.05	.046	22	.08
18*	.04	.05	.03	.03	.03	.03	.03	.03	.03	.03	.05	.05	.02	.02		.03	.05	.05	.06	.05	.04	.04	.03	.03	.036	23	.07
19	.03	.03	.02	.02	.02	.03	.03	.03	.04	.04	.05	.05	.04	.06		.03	.04	.04	.04	.04	.04	.04	.03	.03	.035	23	.07
20	.03	.03	.03	.03	.03	.03	.04	.04	.06	.05	.11	.08	.04	.02		.03	.05	.05	.05	.04	.04	.04	.04	.05	.044	23	.14
21	.04	.03	.04	.03	.04	.04	.04	.04	.04	.06	.07	.07	.06	.04		.04	.05	.05	.05	.06	.05	.04	.03	.02	.044	23	.08
22																											
23																											
24*																											
25*	.03	.03	.03	.03	.03	.03	.04	.04	.03	.03	.04	.05	.03	.03			.04	.04	.05	.05	.04	.05	.04	.05	.038	22	.06
26	.04	.04	.04	.04	.04	.05	.04	.04	.04	.04	.05	.04	.04	.04		.03	.03	.02	.02	.02	.02	.02	.02	.02	.034	23	.05
27	.02	.02	.02	.02	.02	.02	.02	.02	.03	.03	.03	.03	.03	.03		.03	.04	.04	.03	.03	.03	.03	.03	.02	.026	23	.04
28	.02	.02	.02	.03	.02	.02	.02	.03	.03	.04			.06	.06		.04	.04	.04	.04	.04	.04	.04	.05	.04	.035	21	.07
29	.04	.04	.04	.04	.04	.04	.05	.05	.05	.05	.06	.08	.11	.08		.05	.05	.06	.06	.06	.06	.06	.05	.05	.054	23	.13
30	.05	.05	.05	.05	.05	.05	.05	.05	.04	.06	.07	.08	.08	.07		.04	.05	.05	.05	.05	.05	.04	.04	.04	.052	23	.09
31*	.04	.04	.05	.05	.05	.04	.04	.04	.02	.03	.03	.03	.03	.03		.03	.04	.03	.04	.03	.04	.04	.04	.04	.036	23	.05
MEAN	.03	.03	.03	.03	.03	.03	.03	.04	.04	.05	.06	.07	.06	.05		.04	.04	.05	.05	.04	.04	.04	.04	.03	.041		
NO	27	27	27	27	27	27	27	27	27	27	25	24	27	27		25	28	28	28	28	28	28	28	28		622	
MAX	.05	.05	.06	.06	.05	.05	.05	.05	.06	.14	.25	.33	.25	.12		.05	.07	.09	.09	.08	.06	.06	.06	.06	.076		.35

* Indicates Sunday in Sample

Local standard time used

TABULATED THU., MAY 4, 1967

B 43

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of [illegible] and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONCENTRATION IN PPM

CONDUCTOMETRIC ANALYSIS

DENVER, COLO.

SULFUR DIOXIDE
JAN. 1966

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS.	5 MIN. MAX.
1*	.01	.01	.02	.02	.02	.02	.02	.03	.03	.04	.03	.02	.01	.01	.01	.01	.01	.01	.01	.01	.01	.02	.01	.01	.016	24	.07
2*	.01	.01	.01	.01	.02	.03	.05	.02	.02	.01	.02	.02	.02	.02	.02	.02	.02	.02	.02	.03	.03	.06	.03	.06	.023	24	.15
3	.05	.02	.03	.04	.04	.04	.11	.05				.07	.05	.02	.02	.02	.03	.02	.03	.02	.03	.02	.03	.04	.036	21	.16
4	.01	.04	.02	.04	.01	.01	.04	.02	.02	.02	.03	.03	.03	.02	.02	.02	.02	.03	.03	.05	.03	.02	.02	.03	.025	24	.08
5	.03	.03	.03	.02	.02	.02	.02	.04	.04	.05	.04	.07	.05	.03	.03	.03	.03	.03	.02	.02	.04	.04	.03	.04	.031	24	.12
6	.05	.03	.03	.03	.03	.03	.03	.05	.06	.06	.04	.02	.02	.02	.02	.02	.02	.03	.04	.03	.01	.01	.03	.01	.029	24	.13
7	.02	.02	.03	.03	.03	.02	.02	.02	.03	.03	.03	.04	.02	.02	.01	.02	.02	.02	.02	.03	.03	.04	.03	.03	.024	24	.08
8*	.02	.01	.01	.05	.02	.03	.03	.02	.02	.02	.02	.02	.03	.03	.05	.05	.03	.03	.02	.03	.02	.02	.02	.02	.026	24	.10
9*	.02	.03	.02	.02	.02	.02	.03	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.03	.02	.03	.04	.02	.022	24	.06
10	.02	.02	.02	.03	.05	.05	.04	.03	.03				.03	.02	.02	.02	.03	.02	.02	.02	.03	.02	.03	.01	.026	21	.06
11	.02	.02	.02	.02	.02	.04	.05	.04	.03	.03	.03	.04	.03	.03	.02	.01	.01	.01	.01	.01	.01	.01	.01	.01	.021	24	.06
12	.01	.01	.01	.01	.01	.01	.02	.03	.02	.02	.02	.01	.02	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.013	24	.04
13	.01	.01	.01	.01	.02	.02	.02	.03	.03	.03	.02	.01	.01	.01	.01	.01	.01	.01	.01	.02	.03	.03	.02	.01	.016	24	.08
14	.02	.01	.01	.01	.02	.01	.02	.02	.02	.02	.02	.01	.01	.01	.01	.00	.01	.00	.01	.01	.01	.01	.01	.00	.010	24	.04
15*	.00	.00	.00	.00	.01	.01	.01	.00	.01	.00	.00	.00	.00	.01	.01	.00	.00	.01	.00	.00	.00	.01	.00	.00	.004	24	.02
16*																											
17																											
18	.01	.01	.01	.01	.00	.00	.00	.01	.01	.02	.02	.01	.01	.00	.00	.00	.00	.01	.01	.01	.01	.02	.00	.01	.007	24	.05
19	.00	.01	.02	.00	.00	.01	.01	.00	.00	.00	.01	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.003	24	.09
20	.00	.00	.00	.00	.00	.00	.00	.00	.01	.01	.02	.00	.01	.00	.00	.00	.00	.00	.00	.00	.00	.01	.01	.01	.003	24	.05
21	.01	.02	.02	.02	.03	.02	.02	.04	.07	.05	.02			.00	.00	.00	.00	.00	.02	.02	.01	.02	.01	.01	.018	22	.13
22*	.01	.01	.02	.04	.03	.04	.06	.02	.02	.02	.02	.03	.05	.04	.03	.03	.01	.01	.01	.01	.02	.02	.03	.10	.028	24	.15
23*	.05	.09	.06	.03	.07	.04	.03	.04	.03	.01	.01	.00	.00	.00	.00	.00	.00	.00	.00	.01	.02	.03	.01	.01	.022	24	.20
24	.00	.02	.02	.02	.02	.02	.03	.03	.05			.02	.01	.01	.00	.00	.00	.02	.03	.03	.03	.02	.02	.03	.019	22	.10
25	.03	.01	.00	.00	.00	.00	.00	.01	.01	.09	.03	.03	.01	.00	.00	.01	.01	.01	.00	.00	.00	.01	.01	.01	.012	24	.14
26	.02	.00	.01	.04	.06	.06	.04	.07	.08					.01	.00	.00	.01	.00	.02	.01	.03	.03	.02	.02	.026	20	.09
27	.03	.03	.05	.07	.09	.08	.22	.09	.04		.01	.01	.02	.03	.04	.02	.03	.01	.00	.00	.00	.00	.01	.00	.038	23	.36
28	.00	.04	.06	.04	.03	.02	.02	.05	.07	.08	.03	.00	.00	.00	.00	.00	.00	.00	.00	.01	.01	.01	.03	.03	.022	24	.13
29*	.03	.02	.01	.01	.01	.01	.01	.02	.03	.03	.05	.05	.07	.06	.04	.01	.02	.01	.00	.00	.00	.00	.00	.01	.020	24	.09
30*	.01	.04	.04	.03	.02	.01	.02	.02	.03	.03	.03	.03	.00	.00	.00	.00	.00	.01	.01	.01	.02	.02	.02	.07	.020	24	.18
31	.03	.04	.04	.04	.03	.04	.03	.03	.02			.01	.02	.01	.01	.01	.00	.00	.00	.01	.01	.00	.00	.01	.017	22	.12
MEAN	.02	.02	.02	.02	.02	.02	.03	.03	.03	.03	.02	.02	.02	.01	.01	.01	.01	.01	.01	.01	.02	.02	.02	.02	.020		
NO.	29	29	29	29	29	29	29	29	28	23	24	26	27	29	29	29	29	29	29	29	29	29	29	29		679	
MAX	.05	.09	.06	.07	.09	.08	.22	.09	.08	.09	.05	.07	.07	.06	.05	.05	.03	.03	.04	.05	.04	.06	.04	.10	.038		.36

* Indicates Saturday or Sunday
Local standard time used

TABULATED: THU., MAY 4, 1967

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONCENTRATION IN PPM

CONDUCTOMETRIC ANALYSIS

DENVER, COLO.

SULFUR DIOXIDE
FEB. 1966

DAY OF MONTH	A.M. 12	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS	5-MIN MAX
1	.00	.00	.01	.01	.01	.07	.03	.03	.03	.03	.02	.02	.02	.00	.00	.00	.00	.00	.00	.02	.02	.02	.01	.01	.014	24	.17
2	.02	.02	.02	.01	.02	.03	.02	.01	.04	.05	.03	.02	.02	.01	.01	.01	.01	.00	.00	.00	.00	.00	.01	.02	.016	24	.09
3	.01	.01	.02	.03	.04	.03	.05	.03	.03	.06	.05	.02	.00	.00	.00	.01	.01	.01	.02	.02	.03	.02	.02	.02	.022	24	.08
4	.02	.02	.01	.01	.03	.02	.04	.04	.05	.04	.02	.02	.03	.02	.01	.00	.02	.04	.02	.02	.01	.01	.02	.01	.021	24	.08
5*	.01	.01	.00	.00	.00	.00	.00	.01	.03	.02	.02	.04	.04	.04	.02	.00	.00	.00	.00	.02	.01	.01	.02	.02	.012	24	.08
6*	.01	.00	.00	.00	.00	.01	.01	.00	.01	.02	.02	.01	.00	.01	.00	.01	.01	.00	.00	.00	.00	.01	.02	.02	.007	24	.04
7	.01	.00	.00	.00	.00	.00	.00	.00	.00			.03	.01	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.003	22	.05
8	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.000	23	.01
9	.00	.00	.00	.00	.00	.00	.03	.01	.01	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.002	24	.07
10	.01	.00	.00	.01	.00	.02	.02	.01	.01	.00	.02	.01	.00	.00	.01	.00	.00	.00	.00	.00	.00	.00	.00	.01	.005	24	.04
11	.01	.01	.01	.01	.02	.02	.02	.03	.05	.07	.02	.02	.01	.00	.01	.00	.01	.02	.01	.04	.05	.01	.04	.04	.021	24	.09
12*	.02	.02	.04	.03	.04	.03	.01	.03	.03	.04	.02	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.013	24	.07
13*	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.01	.01	.00	.00	.00	.00	.00	.00	.00	.00	.01	.02	.03	.003	24	.04
14	.02	.01	.02	.02	.03	.04	.04	.04	.03			.01	.00	.00	.00	.00	.00	.00	.00	.02	.05	.01	.05	.01	.018	22	.10
15	.04	.09	.05	.03	.02	.01	.04	.06	.05	.10	.08	.01	.00	.00	.00	.00	.00	.00	.00	.00	.01	.00	.02	.03	.026	24	.22
16	.03	.01	.02	.03	.02	.02	.04	.02	.04	.06	.02	.00	.00	.01	.00	.00	.03	.02	.02	.03	.04	.05	.03	.02	.023	24	.08
17	.02	.01	.03	.05	.01	.02	.03	.06	.07	.04	.03	.02	.02	.01	.00	.00	.01	.02	.01	.00	.00	.01	.02	.00	.020	24	.09
18	.00	.01	.03	.00	.00	.00	.01	.01	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.02	.00	.00	.004	24	.06
19*	.00	.00	.02	.00	.00	.00	.00	.00	.00	.01	.01	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.002	24	.08
20*	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.00	.01	.05	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.003	24	.13
21	.00	.00	.00	.00	.00	.00	.01	.02	.06			.03	.01	.01	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.006	22	.08
22	.00	.00	.00	.00	.00	.00	.01	.04	.01	.02	.00	.00	.00	.01	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.003	24	.06
23	.00	.00	.00	.00	.01	.00	.03	.01	.02	.01	.00	.01	.00	.00	.00	.00	.00	.00	.00	.01	.00	.00	.00	.00	.004	24	.04
24	.01	.01	.00	.00	.00	.00	.00	.01	.01	.01	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.00	.003	24	.03
25	.00	.00	.00	.00	.01	.00	.01	.05	.02	.01	.02	.01	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.005	24	.10
26*	.01	.02	.00	.00	.02	.04	.00	.01	.02	.02	.01	.00	.01	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.007	24	.08
27*	.00	.00	.00	.00	.00	.00	.01	.01	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.001	24	.03
28	.00	.00	.00	.00	.00	.00	.00	.00	.00			.00	.00	.00	.00	.00	.00	.00	.00	.01	.03	.02	.01	.03	.004	22	.08
MEAN	.01	.01	.01	.01	.01	.01	.02	.02	.02	.02	.02	.01	.01	.01	.00	.00	.00	.00	.00	.01	.01	.01	.01	.01	.010		
NO.	28	28	28	28	28	28	28	28	28	24	24	28	27	28	28	28	28	28	28	28	28	28	28	28		663	
MAX	.04	.09	.05	.05	.04	.07	.05	.06	.07	.10	.08	.04	.05	.04	.02	.01	.03	.04	.02	.04	.05	.05	.05	.04	.026		.22

* Indicates Saturday or Sunday

Local standard time used

TABULATED **THU., MAY 4, 1967**

CONTINUOUS AIR MONITORING PROGRAM

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

Air Quality Section, Laboratory of [illegible] and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

DENVER, COLO.

CONCENTRATION IN PPM

CONDUCTOMETRIC ANALYSIS

SULFUR DIOXIDE
MARCH 1966

DAY OF MONTH	AM 12-1	AM 1-2	AM 2-3	AM 3-4	AM 4-5	AM 5-6	AM 6-7	AM 7-8	AM 8-9	AM 9-10	AM 10-11	AM 11-12	PM 12-1	PM 1-2	PM 2-3	PM 3-4	PM 4-5	PM 5-6	PM 6-7	PM 7-8	PM 8-9	PM 9-10	PM 10-11	PM 11-12	DAILY MEAN	NO. OF HRS.	5 MIN. MAX
1	.00	.00	.03	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.00	.00	.00	.00	.00	.00	.00	.00	.002	24	.05
2	.00	.00	.00	.02	.01	.00	.02	.01	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.003	24	.05
3	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.000	24	.02
4	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.000	24	.01
5*	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.00	.00	.00	.001	24	.05
6*	.00	.00	.00	.00	.00	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.01	.002	24	.07
7	.00	.01	.03	.00	.00	.00	.01	.00	.03			.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.004	22	.06
8	.00	.00	.00	.00	.01	.00	.00	.00	.00	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.001	24	.04
9	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.000	24	.01
10	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.001	24	.01
11	.00	.00	.00	.00	.00	.00	.00	.02	.00	.01	.00	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.002	24	.09
12*	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.02	.00	.00	.002	24	.07
13*	.01	.00	.00	.00	.00	.00	.00	.00	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.001	24	.03
14	.00	.00	.01	.00	.00	.01	.01	.00	.01			.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.002	22	.03
15	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.01	.01	.00	.00	.002	24	.04
16	.00	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.00	.00	.00	.00	.00	.00	.00	.00	.005	24	.02
17	.00	.00	.01	.00	.00	.00	.00	.00	.01	.00	.00	.00	.00	.01	.01	.01	.00	.00	.00	.00	.00	.01	.00	.01	.003	24	.01
18	.01	.01	.01	.02	.02	.03	.01	.01	.01	.01	.01	.01	.01	.01	.00	.01	.01	.01	.01	.01	.01	.00	.02	.01	.011	24	.07
19*	.02	.02	.03	.03	.03	.03	.03	.03	.03	.03	.07	.01	.01	.01	.01	.01	.01	.01	.01	.01	.02	.02	.02	.02	.021	24	.14
20*	.01	.01	.01	.01	.02	.01	.01	.02	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.03	.02	.04	.013	24	.09
21	.03	.02	.03	.02	.01	.02	.03	.02	.02		.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.021	23	.06
22	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02			.018	22	.02
23									.02	.02	.02	.02	.02	.02	.02	.02	.02	.01	.01	.02	.02	.02	.03	.04	.018	16	.07
24	.04	.02	.02	.02	.02	.02	.04	.05	.03	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.03	.02	.023	24	.09
25	.02	.03	.03	.10	.10	.03	.02	.03	.04	.03	.03	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.030	24	.33
26*	.02	.02	.02	.02	.03	.04	.03	.04	.04	.03	.03	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.024	24	.05
27*	.02	.02	.02	.02				.02	.02	.02			.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.03	.021	19	.04
28	.02	.03	.04	.02	.02	.02	.02	.03	.04						.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.017	19	.05
29	.02	.02	.01	.01	.01	.01	.01	.01	.02	.02	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.03	.01	.01	.01	.012	24	.04
30	.01	.01	.01	.01	.01	.01	.02	.04	.02	.02	.01	.01	.01	.01	.01	.01	.01	.01	.01	.00	.00	.01	.01	.02	.012	24	.05
31	.02	.03	.03	.02	.01	.04	.03	.03	.02	.01	.01	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.01	.012	24	.06
MEAN	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.009		
NO.	30	30	30	30	29	29	29	30	31	27	27	29	30	30	31	31	31	31	31	31	31	31	30	30		719	
MAX	.04	.03	.04	.10	.10	.04	.04	.05	.04	.03	.07	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.03	.03	.04	.030		.33

* Indicates Saturday or Sunday

Local standard time used

TABULATED: THU., MAY 4, 1967

CONTINUOUS AIR MONITORING PROGRAM

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

Air Quality Section, Laboratory of Chemistry and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

DENVER, COLO.

CONCENTRATION IN PPM

CONDUCTOMETRIC ANALYSIS

SULFUR DIOXIDE
APRIL 1966

DAY OF MONTH	AM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	PM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS	5 MIN MAX
1	.00	.00	.00	.00	.00	.00	.01	.01	.01	.00	.00	.01	.00	.00	.00	.00	.00	.00	.00	.01	.01	.01	.00	.01	.003	24	.03
2*	.02	.00	.01	.02	.01	.01	.00	.00	.02	.01	.00	.01	.01	.01	.00	.00	.00	.01	.01	.01	.01	.01	.01	.01	.008	24	.04
3*	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.00	.00	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.02	.01	.009	24	.02
4	.01	.01	.01	.01	.01	.01	.01	.01	.01			.03	.02	.01	.02	.02	.01	.01	.01	.01	.01	.04	.02	.03	.015	22	.05
5	.02	.02	.02	.02	.03	.02	.02	.03	.03	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.04	.04	.018	24	.09
6	.02	.01	.01	.02	.01	.02	.02	.04	.02	.02	.02	.01	.01	.01	.01	.01	.02	.02	.01	.01	.01	.01	.02	.02	.015	24	.04
7	.01	.01	.01	.02	.04	.03	.01	.02	.04	.01	.01	.01	.01	.01	.01	.01	.01	.02	.01	.01	.01	.01	.01	.01	.015	24	.05
8	.01	.01	.01	.02	.03	.03	.04	.05	.03	.05	.05	.03	.01	.01	.01	.02	.01	.01	.01	.01	.02	.01	.01	.01	.020	24	.06
9*	.01	.01	.01	.02	.02	.02	.03	.03	.05	.05	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.02	.04	.02	.02	.019	24	.08
10*	.02	.02	.03	.02	.01	.05	.06	.03	.01	.01	.02	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.02	.017	24	.12
11	.02	.05	.02	.03	.05	.03	.02	.03	.04			.02	.02	.02	.02	.03	.02	.02	.02	.01	.01	.01	.01	.01	.022	22	.07
12	.01	.01	.01	.01	.02	.02	.02	.02	.02	.02	.01	.01	.01	.02	.01	.01	.01	.01	.01	.01	.01	.01	.03	.01	.014	24	.06
13	.03	.02	.02	.02	.01	.01	.01	.02	.03	.03	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.014	24	.05
14	.01	.01	.01	.01	.02	.01	.02	.03	.02	.03	.02	.01	.01	.01	.01	.01	.01	.01	.01	.01	.02	.03	.03	.06	.017	24	.17
15	.06	.02	.01	.01	.01	.01	.01	.02	.03	.02	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.04	.015	24	.17
16*	.02	.02	.01	.01	.01	.02	.02	.04	.04	.01	.01	.01	.02	.01	.01	.01	.01	.01	.01	.01	.05	.06	.01	.01	.018	24	.13
17*	.02	.01	.01	.01	.01	.01	.00	.01	.00	.01	.01	.01	.01	.01	.01	.01	.01	.00	.00	.01	.01	.01	.01	.01	.008	24	.04
18	.00	.01	.01	.01	.01	.01	.01	.01	.01				.02	.02	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.010	21	.03
19	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.02	.02	.04	.03	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.013	24	.06
20	.01	.01	.01	.01	.01	.01	.01	.01	.01	.03	.03	.01	.02	.02	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.012	24	.03
21	.01	.01	.01	.01	.02	.10	.03	.02	.02	.03	.03	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.018	24	.13
22	.01	.01	.01	.01	.01	.01	.01	.01	.02	.04	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.012	24	.11
23*	.02	.03	.02	.01	.06	.03	.01	.02	.02	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.02	.01	.016	24	.13
24*	.01	.02	.01	.02	.02	.01	.01	.02	.02	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.013	24	.04
25	.01	.01	.01	.02	.02	.01	.02	.03					.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.012	20	.09
26	.01	.01	.01	.04	.01	.01	.04	.03	.02	.02	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.03	.01	.01	.013	24	.09
27	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.02	.02	.011	24	.05
28	.03	.01	.03	.01	.01	.01	.01	.01	.01	.01	.01	.02	.03	.02		.02	.02	.01	.01	.01	.01	.01	.01	.03	.015	23	.09
29	.03	.01	.02	.06	.03	.04	.03	.03	.02	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.018	24	.16
30*	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.02	.011	24	.04
MEAN	.02	.01	.01	.02	.02	.02	.02	.02	.02	.02	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.02	.01	.02	.014		
NO.	30	30	30	30	30	30	30	30	29	26	26	28	30	30	29	30	30	30	30	30	30	30	30	30		708	
MAX	.06	.05	.03	.06	.06	.10	.06	.05	.05	.05	.05	.03	.04	.03	.02	.03	.02	.02	.02	.01	.05	.06	.04	.06	.022		.17

* Indicates Saturday or Sunday
Local standard time used

TABULATED THU., MAY 4, 1967

CONTINUOUS AIR MONITORING PROGRAM

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

DENVER, COLO.

CONCENTRATION IN PPM

CONDUCTOMETRIC ANALYSIS

SULFUR DIOXIDE
MAY 1966

DAY OF MONTH	AM 1	AM 2	AM 3	AM 4	AM 5	AM 6	AM 7	AM 8	AM 9	AM 10	AM 11	AM 12	PM 12-1	PM 1-2	PM 2-3	PM 3-4	PM 4-5	PM 5-6	PM 6-7	PM 7-8	PM 8-9	PM 9-10	PM 10-11	PM 11-12	DAILY MEAN	NO. OF HRS	5 MIN MAX
1*	.06	.02	.02	.01	.01	.02	.02	.02	.01	.03	.02	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.03	.02	.016	24	.11
2	.01	.01	.04	.01	.05	.01	.01	.03				.01	.01	.01	.01	.01	.01	.01	.01	.01	.02	.02	.04	.01	.017	21	.16
3	.01	.02	.01	.01	.01	.01	.01	.02	.04	.02	.01	.02	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.013	24	.04
4	.01	.01	.01	.01	.01	.01	.02	.03	.03	.02	.02	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.02	.01	.02	.013	24	.05
5	.01	.01	.01	.01	.02	.02	.02	.02	.02	.02	.02	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.02	.02	.014	24	.07
6	.01	.01	.03	.07	.02	.01	.01	.01	.02	.02	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.02	.03	.01	.016	24	.12
7*	.01	.01	.02	.01	.01	.02	.01	.02	.02	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.02	.01	.03	.02	.013	24	.05
8*	.02	.04	.05	.03	.01	.02	.02	.01	.01	.01	.02	.01	.01	.01	.01	.01	.01	.01	.02	.01	.01	.01	.01	.01	.016	24	.09
9	.01	.01	.01	.01	.01	.01	.02	.01			.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.03	.01	.011	22	.08
10	.01	.01	.01		.01	.01	.01	.01	.02	.01	.01	.01	.01	.00	.00	.00	.01	.00	.00	.00	.01	.01	.00	.00	.007	23	.05
11	.00	.00	.00	.00	.00	.00	.00	.01	.01	.00	.00	.00	.00	.00	.00	.00	.01	.00	.00	.00	.00	.00	.00	.00	.001	24	.02
12	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.01	.01	.02	.01	.02	.01	.02	.01	.02	.02	.007	24	.06
13	.01	.03	.02	.02	.01	.02	.02	.02	.01	.00	.00	.00	.00	.01	.01	.00	.00	.00	.00	.01	.01	.00	.00	.02	.008	24	.04
14*	.03	.03	.01	.01	.00	.01	.01	.01	.02	.00	.01	.00	.00	.00	.00	.00	.00	.01	.00	.00	.01	.05	.01	.01	.009	24	.18
15*	.02	.03	.04	.03	.02	.04	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.00	.01	.02	.02	.01	.03	.012	24	.08
16	.03	.01	.02	.02	.02	.01	.01	.01			.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.006	22	.05
17	.00	.00	.01	.02	.02	.01	.02	.02	.00	.00	.00	.02	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.010	24	.05
18	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.00	.009	24	.03
19	.00	.00	.00	.00	.00	.01	.01	.01	.01	.01	.01	.01	.01	.00	.00	.01	.01	.00	.00	.01	.01	.05	.03	.01	.009	24	.15
20	.01	.01	.02	.01	.01	.01	.01	.03	.02	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.02	.04	.02	.013	24	.07
21*	.01	.01	.01	.03	.00	.00	.01	.01	.01	.01	.01	.01	.01	.01	.01	.00	.01	.01	.00	.00	.00	.00	.02	.02	.009	24	.10
22*	.04	.03	.03	.00	.02	.00	.00	.00	.00	.00	.00	.01	.00	.00	.00	.00	.00	.00	.01	.00	.00	.00	.01	.00	.006	24	.10
23	.00	.00	.00	.00	.00	.00	.01	.01			.01	.01	.01	.01	.01	.01	01	.00	.00	.00	.00	.00	.02	.01	.006	22	.04
24	.01	.01	.02	.02			.03	.03	.03	.03	.02	.01	.01	.01	.01	.01	.01								.016	15	.15
25																											
26										.06	.02	.02	.02	.01	.01	.01	.01	.01	.01	.01	.01	.01	.06	.02	.019	15	.15
27	.02	.02	.02	.02	.06	.05	.02	.03	.05	.05	.03	.01	.01	.01	.01	.01	.01	.01	.01	.01	.02	.03	.02	.01	.022	24	.14
28*	.08	.08	.02	.01	.03	.02	.02	.04	.03	.02	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.02	.01	.01	.021	24	.20
29*	.01	.01	.02	.07	.11	.02	.06	.02	.05	.07	.03	.01	.02	.02	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.025	24	.28
30	.01	.01	.01	.01	.01	.02	.02	.01				.02	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.02	.013	21	.04
31	.01	.02	.03	.01	.02	.01	.02	.02	.01	.02	.03	.03	.02	.02	.01	.01	.01	.01	.01	.02	.04	.02	.05	.02	.019	24	.16
MEAN	.02	.02	.02	.02	.02	.01	.01	.02	.02	.02	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.02	.01	.012		
NO.	29	29	29	28	28	28	29	29	24	25	28	30	30	30	30	30	30	29	29	29	29	29	29	29		689	
MAX	.08	.08	.05	.07	.11	.05	.06	.04	.05	.07	.03	.03	.02	.02	.01	.01	.02	.01	.02	.02	.04	.05	.06	.03	.025		.28

* Indicates Saturday or Sunday
Local standard time used

TABULATED: THU., MAY 4, 1967

CONTINUOUS AIR MONITORING PROGRAM

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

Air Quality Section, Laboratory of [illegible] and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

DENVER, COLO.

CONCENTRATION IN PPM

CONDUCTOMETRIC ANALYSIS

SULFUR DIOXIDE
JUNE 1966

DAY OF MONTH	AM 12	AM 12	AM 1	AM 2	AM 3	AM 4	AM 5	AM 6	AM 7	AM 8	AM 9	AM 10	AM 11	AM 12	PM 12	PM 1	PM 2	PM 3	PM 4	PM 5	PM 6	PM 7	PM 8	PM 9	PM 10	PM 11	PM 12	DAILY MEAN	NO. OF HRS.	5 MIN MAX
1	.01	.02	.03	.01	.03	.03	.02	.01	.02	.01	.04	.01	.01	.01	.0.	.01	.01	.01	.01	.01	.01	.01	.06	.04	.018	24	.18
2	.01	.01	.01	.01	.03	.02	.02	.03	.03	.02	.01	.01	.01	.01	.01	.01	.01	.02	.01	.01	.01	.01	.02	.02	.014	24	.07
3	.06	.02	.01	.01	.05	.01	.01	.04	.03	.03	.02	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.02	.01	.02	.017	24	.11
4*	.01	.01	.01	.01	.01	.02	.01	.01	.01	.02	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.02	.01	.01	.01	.011	24	.03
5*	.01	.02	.01	.01	.01	.01	.01	.02	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.011	24	.03
6	.01	.01	.01	.02	.03	.02	.04	.01			.01	.01	.01	.01	.01	.01	.01	.01	.01	.03	.05	.09	.04	.02	.021	22	.16
7	.06	.07	.09	.09	.05	.04	.02	.01	.01	.01	.02	.02	.02	.02	.02	.01	.01	.01	.02	.01	.01	.01	.01	.01	.023	24	.22
8	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.011	24	.02
9	.01	.01	.01	.01	.01	.01	.01	.01	.02	.02	.01	.02	.02	.02	.02	.02	.01	.01	.01	.02	.02	.01	.01	.01	.013	24	.03
10	.01	.01	.01	.01	.01	.01	.03	.02	.01	.01	.01	.01	.01	.01	.01	.01	.01	.02	.01	.01	.01	.01	.01	.02	.013	24	.07
11*	.04	.01	.01	.01	.02	.01	.02	.01	.01	.01	.01	.01	.01	.01	.02	.01	.01	.01	.01	.01	.01	.01	.01	.01	.012	24	.10
12*	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.010	24	.02
13	.01	.01	.01	.01	.01	.01	.01	.01	.01	.03		.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.00	.02	.011	22	.04
14	.01	.01	.08	.02	.02	.01	.02	.02	.01	.01	.01	.01	.01	.01	.00	.01	.00	.00	.00	.00	.00	.00	.00	.01	.010	24	.16
15	.01	.00	.01	.01	.02	.00	.00	.01	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.003	24	.06
16	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00			.01	.01	.01	.01	.01	.00	.01	.003	22	.02
17	.01	.00	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.00	.00	.00	.00	.005	24	.01
18*	.00	.00	.00	.00	.00	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.00	.00	.001	24	.03
19*	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.000	24	.01
20	.00	.00	.00	.00	.00	.00	.00	.00			.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.000	22	.02
21	.00	.02	.00	.00	.01	.00	.00	.00	.01	.02	.02	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.01	.01	.004	24	.04
22	.00	.00	.00	.00	.09	.00	.00	.01	.00	.00	.00	.01	.00	.00	.00	.00	.00	.00	.00	.00	.01	.01	.00	.00	.007	24	.20
23	.01	.00	.04	.02	.01	.02	.01	.01	.01	.01	.01	.02	.02	.01	.02	.01	.01	.01	.01	.01	.01	.01	.01	.01	.010	24	.09
24	.01	.01	.00	.01	.01	.01	.01	.02	.02	.02	.03	.02	.01	.01	.01	.01	.01	.01	.01	.01	.02	.05	.08		.017	24	.20
25*	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.010	24	.04
26*	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.01	.03	.04	.02	.01	.02	.019	24	.10
27	.02	.04	.02	.02	.02	.02	.02	.02			.02	.03	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.03	.03	.021	22	.07
28	.02	.02	.02	.02	.03	.02	.04	.03	.02	.03	.02	.03	.02	.02	.02	.02	.02	.02	.02	.02	.01	.01	.02	.02	.023	24	.07
29	.08	.06	.03	.09	.04	.03	.06	.05	.02	.03	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.03	.03	.031	24	.19
30	.02	.02	.02	.02	.02	.02	.02	.02	.02							.01	.02	.02	.02	.02	.02	.02	.02	.02	.020	20	.09
MEAN	.02	.01	.01	.02	.02	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.012		
NO.	30	30	30	30	30	30	30	30	26	25	29	29			29	29	29	30	30	30	30	30	30	30		706	
MAX	.08	.07	.08	.09	.09	.04	.06	.05	.03	.03	.04	.03			.02	.02	.02	.02	.02	.03	.04	.05	.05	.09	.06	.08	.031		.22

*Instrument Readings Not Corrected

Local standard time used

TABULATED THU., MAY 4, 1967

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Air Quality Section, Laboratory of [illegible] and Physical Sciences
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SULFUR DIOXIDE
JULY 1966

DAY OF MONTH	AM 12	AM 12-1	AM 1-2	AM 2-3	AM 3-4	AM 4-5	AM 5-6	AM 6-7	AM 7-8	AM 8-9	AM 9-10	AM 10-11	AM 11-12	PM 12-1	PM 1-2	PM 2-3	PM 3-4	PM 4-5	PM 5-6	PM 6-7	PM 7-8	PM 8-9	PM 9-10	PM 10-11	PM 11-12	DAILY MEAN	NO. OF HRS	5 MIN MAX
1	.02	.02	.02	.02	.02	.02	.02	.02									.01	.01	.01	.01	.01	.01	.01	.01	.01	.015	17	.02
2*	.01	.01	.01	.01	.02	.01	.03	.01	.02	.01	.01	.01		.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.012	24	.05
3*	.01	.01	.02	.02	.01	.01	.02	.02	.02	.02	.03	.02		.01	.01	.01	.01	.01	.01	.01	.01	.01	.02	.02	.03	.015	24	.08
4	.03	.04	.02	.02	.02	.01	.02	.02			.02	.01		.01	.01	.01	.01	.01	.01	.01	.01	.02	.06	.02	.02	.019	22	.16
5	.02	.02	.01	.01	.01	.02	.02	.02	.03	.03	.02	.02		.02	.01	.01	.01	.01	.01	.01	.00	.01	.03	.01	.04	.017	24	.12
6	.04	.01	.01	.04	.05	.01	.01	.02	.01	.01	.01	.02		.02	.02	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.015	24	.12
7	.01	.00	.01	.03	.01	.01	.01	.01	.02	.02	.01	.04		.02	.01	.01	.01	.01	.01	.03	.04	.04	.01	.01	.03	.017	24	.10
8	.07	.07	.01	.01	.01	.07	.04	.03	.02	.02	.02	.01		.01	.01	.01	.01	.01	.01	.01	.01	.08	.02	.01	.15	.030	24	.23
9*	.10	.08	.03	.02	.04	.08	.02	.03	.03	.04	.02	.01		.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.02	.026	24	.20
10*	.01	.02	.05	.02	.03	.02	.02	.01	.01	.01	.02	.03		.02	.01	.01	.01	.01	.01	.01	.01	.01	.03	.08		.020	24	.23
11	.02	.06	.02	.04	.02	.02	.02	.04		.07	.04	.03		.02	.02	.02	.03	.02	.03	.02	.01	.01	.01	.01	.01	.024	23	.12
12	.01	.01	.01	.01	.02	.04	.03	.02	.02	.01	.01	.01		.03	.02	.01	.02	.03	.01	.01	.01	.01	.01	.01	.01	.016	24	.07
13	.01	.02	.03	.03	.02	.03	.04	.05	.03	.04	.04	.02		.01	.01	.01	.01	.01	.01	.01	.00	.01	.02	.01	.01	.020	24	.09
14	.01	.01	.01	.01	.02	.01	.01	.01	.01	.01	.02	.02		.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.03	.02	.012	24	.08
15	.01	.01	.01	.01	.02	.03	.03	.08	.04	.05	.03	.02		.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.019	24	.10
16*	.01	.04	.01	.01	.04	.07	.02	.06	.04	.02	.02	.01		.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.019	24	.12
17*	.01	.01	.02	.02	.03	.02	.03	.03	.02	.04	.03	.01		.01	.01	.01	.02	.01	.01	.01	.01	.01	.01	.02	.01	.017	24	.06
18	.01	.01	.01	.03	.01	.04	.03	.05			.02	.01		.01	.01	.01	.02	.01	.02	.02	.01	.02	.01	.04	.04	.019	22	.10
19	.03	.01	.01	.01	.03	.02	.02	.03	.02	.02	.01	.01		.01	.01	.01	.01	.01	.01	.00	.00	.00	.00	.00	.00	.012	24	.05
20	.02	.04	.02	.04	.01	.01	.01	.01	.02	.03	.03	.02		.01	.01	.01	.01	.03	.02	.02	.01	.01	.01	.03	.04	.019	24	.09
21	.01	.01	.01	.01	.01	.01	.02	.02	.06	.07	.02	.01		.03	.03	.03	.01	.01	.01	.01	.01	.01	.01	.03	.01	.019	24	.09
22	.01	.01	.00	.00	.00	.01	.02	.03	.04	.02	.02	.01		.01	.01	.01	.01	.01	.01	.00	.03	.01	.01	.02	.10	.016	24	.16
23*	.02	.02	.01	.01	.03	.01	.01	.03	.01	.01	.01	.01		.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.02	.01	.013	24	.06
24*	.00	.03	.02	.07	.05	.02	.03	.03	.05	.05	.02	.01		.01	.00	.01	.01	.01	.01	.02	.02	.01	.02	.01	.01	.020	24	.15
25	.01	.02	.02	.01	.01	.03	.03	.02						.02	.02	.01	.01	.02	.01	.02	.02	.01	.01	.01	.01	.016	20	.07
26	.01	.01	.00	.02	.01	.01	.03	.02	.01	.01	.02	.01		.01	.01	.01	.01	.01	.01	.01	.01	.02	.03	.02	.01	.013	24	.04
27	.00	.03	.02	.02	.02	.01	.03	.01	.02								.00	.00	.00	.00	.00	.00	.03	.05	.00	.013	18	.13
28	.00	.00	.00	.00	.02	.02	.06	.00	.00	.00	.00	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.004	24	.21
29	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.01	.00		.00			.00	.00	.00	.00	.00	.00	.00	.00	.02	.002	22	.06
30*	.02	.00	.00	.00	.00	.00	.01	.01	.01	.01	.01	.01		.00	.00	.00	.01	.00	.01	.01	.00	.00	.01	.00	.00	.005	24	.10
31*	.00	.00	.00	.01	.00	.01	.01	.02	.02	.01	.01	.01		.00	.00	.01	.00	.00	.00	.01	.00	.00	.00	.00	.01	.005	24	.04
MEAN	.02	.02	.01	.02	.02	.02	.02	.02	.02	.03	.02	.01		.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.02	.02	.016		
NO.	31	31	31	31	31	31	31	31	26	26	28	28		29	28	28	31	31	31	31	31	31	31	31	31		720	
MAX	.10	.08	.05	.07	.05	.08	.06	.08	.06	.07	.04	.04		.03	.03	.03	.03	.03	.03	.03	.04	.08	.06	.05	.15	.030		.23

* Indicates [illegible]
Local standard time used

TABULATED THU., MAY 4, 1967

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of [illegible] and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONCENTRATION IN PPM

CONDUCTOMETRIC ANALYSIS

DENVER, COLO.

SULFUR DIOXIDE
AUG. 1966

DAY OF MONTH	AM 12-1	AM 1-2	AM 2-3	AM 3-4	AM 4-5	AM 5-6	AM 6-7	AM 7-8	AM 8-9	AM 9-10	AM 10-11	AM 11-12	PM 12-1	PM 1-2	PM 2-3	PM 3-4	PM 4-5	PM 5-6	PM 6-7	PM 7-8	PM 8-9	PM 9-10	PM 10-11	PM 11-12	DAILY MEAN	NO. OF HRS	5 MIN MAX
1	.01	.00	.01	.01	.01	.01	.01	.01	.01			.01	.01	.00	.00	.00	.00	.00	.00	.00	.01	.03	.01	.01	.007	22	.06
2	.00	.00	.00	.00	.01	.01	.01	.01	.02	.01	.01	.01	.01	.00	.00	.00	.01	.00	.00	.00	.00	.00	.00	.00	.005	24	.11
3	.00	.00	.01	.00	.00	.00	.00	.01	.01	.01	.02	.01	.01	.01	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.004	24	.03
4	.00	.00	.01	.01	.01	.01	.01	.01	.01	.01	.01	.00	.00	.00	.01	.00	.00	.00	.00	.01	.01	.00	.00	.00	.005	24	.05
5	.00	.00	.00	.00	.02	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.00	.00	.00	.01	.00	.00	.00	.01	.00	.005	24	.07
6*	.00	.01	.02	.01	.01	.01	.03	.01	.01	.01	.01	.01	.01	.01	.00	.00	.01	.00	.01	.01	.03	.02	.01	.01	.011	24	.12
7*	.01	.02	.01	.01	.01	.01	.01	.01	.01	.00	.01	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.005	24	.04
8	.00	.00	.00	.00	.00	.00	.00	.01			.01	.01	.00	.00	.01	.02	.01	.01	.01	.00	.00	.00	.00	.00	.004	22	.02
9	.00	.00	.00	.00	.00	.00	.00	.00	.01	.01	.01	.01	.01	.01	.01	.01	.00	.01	.00	.00	.00	.00	.00	.00	.004	24	.02
10	.00	.01	.02	.01	.02	.01	.01	.01	.02	.02	.01	.01	.01	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.006	24	.12
11																											
12																											
13*																											
14*																											
15												.02	.02	.01	.01	.01	.01	.01	.01	.01	.02	.02	.01	.02	.013	13	.04
16	.01	.01	.04	.08	.04	.01	.01	.01	.02	.02	.02	.01	.02	.01	.01	.01	.01	.01	.02	.01	.01	.01	.01	.01	.017	24	.11
17	.01	.01	.01	.01	.01	.01	.01	.02	.01	.04	.02	.02	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.013	24	.06
18	.01	.02	.02	.02	.02	.01	.02	.02	.02	.01	.01	.02	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.02	.013	24	.06
19	.03	.06	.02	.03	.02	.04	.02	.02	.02	.02	.02	.02	.01	.01	.01	.01	.01	.01	.02	.01	.01	.01	.01	.01	.018	24	.10
20*	.01	.01	.01	.01	.01	.02	.04	.02	.01	.01	.01	.01	.01	.01	.01	.01	.01	.02	.02	.03	.02	.02	.01	.01	.014	24	.10
21*	.01	.01	.01	.01	.01	.01	.01	.02	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.010	24	.02
22	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.02	.02		.02	.02	.02									.013	15	.02
23	.02	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.02	.02	.02	.01	.02	.01	.01	.01	.01	.01	.01	.01	.01	.012	24	.04
24	.02	.02	.01	.01	.01	.01	.02	.02	.03	.02	.02	.02		.01	.01	.01	.01	.01	.01	.01	.01	.01	.02	.01	.015	23	.08
25	.01	.01	.01	.02	.06	.26	.01	.02	.02	.02	.02	.02	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.03	.02	.026	24	.96
26	.01	.04	.01	.01	.01	.01	.01	.01	.02	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.10	.016	24	.26
27*	.02	.03	.01	.01	.03	.05	.08	.01	.02	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.017	24	.29
28*	.01	.01	.01	.01	.04	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.011	24	.07
29	.01	.08	.02	.01	.01	.01	.02	.04	.01	.01				.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.011	21	.21
30	.00	.00	.00	.01	.00	.00	.00	.00	.00	.00	.01	.01	.00												.002	13	.03
31																											
MEAN	.01	.01	.01	.01	.01	.02	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.011		
N	25	25	25	25	25	25	25	29	24	23	23	25	23	25	25	25	24	24	24	24	24	24	24	24		585	
MAX	.03	.08	.04	.08	.06	.26	.08	.04	.03	.04	.02	.02	.02	.02	.02	.02	.01	.02	.02	.03	.03	.03	.03	.10	.026		.96

* [illegible]
Local standard time used

TABULATED: THU., MAY 4, 1967

CONTINUOUS AIR MONITORING PROGRAM

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

Air Quality Section, Laboratory of [illegible]
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

DENVER, COLO.

CONCENTRATION IN PPM

CONDUCTOMETRIC ANALYSIS

SULFUR DIOXIDE
SEPT. 1966

DAY OF MONTH	AM 12	AM 12	AM 1	AM 2	AM 3	AM 4	AM 5	AM 6	AM 7	AM 8	AM 9	AM 10	AM 11	AM 12	PM 12	PM 1	PM 2	PM 3	PM 4	PM 5	PM 6	PM 7	PM 8	PM 9	PM 10	PM 11	PM 12	DAILY MEAN	NO. OF HRS.	5 MIN MAX
1																														
2		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.13	.09	.03	.03	.012	23	.46
3*	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.001	24	.07
4*	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.03	.00	.00	.00	.003	24	.11
5	.00	.00	.00	.00	.00	.00	.01	.01	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.02	.00	.00	.00	.002	24	.05
6	.00	.04	.04		.05	.06	.01	.03	.02	.00	.01	.01	.01		.01		.01	.01	.00	.00	.00	.01	.00	.01	.00	.01	.00	.014	22	.18
7	.00	.00	.01	.00	.00	.03	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.01	.00	.01	.00	.00	.004	24	.06
8	.00	.00	.00	.00	.01	.00	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.001	24	.01
9	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.000	24	.02
10*	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.000	24	.01
11*	.00	.00	.00	.00	.00	.00	.00	.00	.01	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.00	.00	.00	.001	24	.03
12	.00	.00	.00	.00	.00	.01	.00	.00	.00	.02	.01				.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.00	.00	.002	23	.04
13	.00	.00	.02	.01	.00	.00	.00	.00	.00	.00	.01	.01			.01	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.003	24	.06
14	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.000	24	.03
15	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.00	.00	.00	.00	.00	.00	.00	.00	.000	24	.01
16	.00	.03	.02	.00	.00	.00	.00	.05	.01			.01	.01		.00	.00	.00	.00	.00	.00	.02	.04	.03	.00	.01	.01		.010	23	.15
17*	.01	.00	.00	.00	.02	.02	.02	.01	.01	.01	.00	.00			.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01		.004	24	.10
18*	.00	.00	.00	.00	.00	.00	.06	.01	.00	.00	.01	.01			.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		.004	24	.17
19	.00	.00	.00	.00	.00	.00	.00	.00			.01	.01			.01	.01	.01	.00	.00	.00	.00	.00	.00	.00	.09	.01		.007	22	.19
20	.00	.01	.00	.00	.00	.00	.00	.01	.01	.01	.01	.01			.00	.00	.00	.00	.01	.00	.00	.00	.00	.00	.02	.00		.004	24	.06
21	.00	.00	.00	.00	.00	.00	.00	.05	.01	.00	.00	.00			.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		.003	24	.12
22	.02	.00	.01	.00	.00	.00	.01	.00	.00	.01	.03				.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.00		.004	23	.05
23	.00	.03	.00	.00	.00	.00	.00	.00	.00	.00	.01	.03			.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		.004	24	.16
24*	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00			.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		.001	24	.05
25*	.00	.00	.00	.00	.00	.00	.00	.00	.01	.00	.00	.01			.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		.001	24	.02
26	.00	.00	.01	.01	.01	.00	.01	.01	.01	.00		.00			.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		.003	23	.04
27	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00			.00	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01		.000	24	.01
28	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01			.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01		.001	24	.02
29	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.00			.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		.001	24	.02
30	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00			.00	.00	.00	.00	.00	.00	.00	.01	.00	.00	.01	.00		.001	24	.04
MEAN	.00	.00	.00	.00	.00	.00	.00	.01	.00	.00	.00	.00			.00	.00	.00	.00	.00	.00	.00	.00	.01	.01	.01	.00		.003		
NO.	28	29	29	28	29	29	29	29	28	27	28	27			29	28	29	29	29	29	29	29	29	29	29	29			687	
MAX	.02	.04	.04	.01	.05	.06	.06	.05	.02	.02	.03	.03			.01	.01	.01	.01	.01	.00	.02	.04	.13	.09	.09	.03		.014		.46

* Estimated [illegible]
Local standard time used

TABULATED: THU., MAY 4, 1967

CONTINUOUS AIR MONITORING PROGRAM

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

Air Quality Section, Laboratory of [illegible] and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

DENVER, COLO.

CONCENTRATION IN PPM

CONDUCTOMETRIC ANALYSIS

SULFUR DIOXIDE
OCT. 1966

DAY OF MONTH	AM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	PM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS	5 MIN MAX
1*	.00	.00	.00	.00	.00	.00	.00	.00	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.000	24	.02
2*	.00	.00	.00	.00	.00	.00	.00	.00	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.001	24	.06
3	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.03	.00	.002	24	.11
4	.00	.00	.00	.00	.00	.00	.00	.00	.01			.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.06	.01	.00	.005	22	.13
5	.00	.00	.01	.05	.00	.00	.02	.03	.01	.01	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.006	24	.12
6	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.01	.002	24	.04
7	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.00	.001	24	.02
8*	.00	.00	.00	.01	.00	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.00	.00	.001	24	.02
9*	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.000	24	.01
10	.00	.00	.00	.00	.03	.00	.00	.00	.00	.00			.00	.00	.00	.00	.00	.00	.00	.00	.00	.03	.02	.01	.004	22	.12
11	.03	.03	.01	.00	.00	.01	.00	.01	.01	.00	.01	.00	.00	.00	.00	.00	.00	.00	.02	.00	.00	.00	.00	.02	.006	24	.13
12	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.00	.01	.001	24	.08
13	.00	.00	.00	.00	.01	.01	.00	.00	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.001	24	.03
14	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.000	24	.02
15*	.00	.00	.00	.00	.01	.02	.00	.00	.00	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.04	.00	.00	.004	24	.06
16*	.00	.00	.00	.00	.00	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.04	.003	24	.14
17																											
18																											
19																											
20																											
21																											
22*																											
23*																											
24										.01	.00		.01	.01	.01	.01	.01	.01	.01	.08	.02	.01	.01	.01	.013	14	.14
25	.01	.01	.01	.01	.01	.01	.01	.02	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.011	24	.09
26	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.011	24	.02
27	.01	.01	.01	.01	.01	.01	.01	.02	.02	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.02	.04	.012	24	.07
28	.01	.04	.02	.02	.01	.01	.01	.01	.02	.01	.01	.02	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.013	24	.08
29*	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.04	.02	.01	.02	.04	.014	24	.10
30*	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.010	24	.02
31	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.010	24	.02
MEAN	.01	.01	.00	.01	.01	.00	.00	.01	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.01	.01	.01	.01	.005		
NO.	23	23	23	23	23	23	23	23	23	23	22	22	24	24	24	24	24	24	24	24	24	24	24	24		552	
MAX	.03	.04	.02	.05	.03	.02	.02	.03	.02	.01	.01	.02	.01	.01	.01	.01	.01	.01	.02	.08	.02	.06	.03	.04	.014		.14

* [illegible] Saturday or Sunday
Local standard time used

TABULATED THU., MAY 4, 1967

B.53

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of [illegible] and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

DENVER, COLO.

CONCENTRATION IN PPM

CONDUCTOMETRIC ANALYSIS

SULFUR DIOXIDE
NOV. 1966

DAY OF MONTH	AM 12	12	1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	PM 12-1	12	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS	5 MIN MAX
1	.01	.01	.01	.01	.01	.02	.02	.01	.02	.03	.02	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.012	24	.04
2	.02	.01	.01	.03	.01	.01	.01	.02	.02	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.012	24	.07
3	.01	.05	.02	.01	.01	.01	.01	.02	.02	.02	.02	.02	.02	.02	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.014	24	.09
4	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.010	24	.02
5*	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.02	.01	.01	.03	.02	.01	.012	24	.06
6*	.01	.01	.02	.01	.01	.01	.03	.02	.02	.01	.01	.02	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.03	.02	.02	.014	24	.07
7	.01	.01	.01	.01	.01	.03	.01	.02	.02	.01	.01	.01	.01	.01	.01	.01		.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.011	23	.04
8	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.010	24	.02
9	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.02	.02	.02	.02	.02	.01	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.008	24	.03
10	.00	.02	.03	.00	.00	.01	.01	.01	.01	.00	.01	.02	.02	.02	.02	.02	.02	.04	.01	.01	.00	.00	.00	.00	.00	.00	.00	.009	24	.06
11	.00	.00	.00	.01	.01	.00	.00	.00	.00	.00	.01	.00	.00	.00	.00	.01	.01	.01	.01	.01	.02	.00	.00	.00	.00	.00	.00	.004	24	.01
12*	.01	.01	.01	.01	.01	.00	.01	.02	.03	.01	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.01	.01	.01	.01	.006	24	.04
13*	.00	.00	.00	.00	.01	.00	.01	.01	.01	.00	.01	.00	.00	.00	.00	.00	.00	.00	.01	.00	.01	.07	.03	.03	.03	.01	.01	.010	24	.21
14	.01	.01	.01	.01	.01	.03	.04	.02	.01			.02	.02	.02	.02	.02	.02	.01	.01	.01	.01	.01	.00	.01	.01	.02	.00	.014	22	.05
15	.00	.00	.00	.01	.00	.04	.03	.00	.00	.00	.01	.01	.00	.00	.00	.00	.00	.00	.01	.01	.01	.01	.03	.01	.01	.00	.00	.007	24	.08
16	.00	.02	.01	.05	.01	.01	.01	.01	.01	.01	.00	.00	.02	.02	.02	.00	.01	.01	.01	.02	.02	.01	.00	.00	.00	.00	.00	.011	24	.14
17	.00	.00	.00	.00	.00	.01	.00	.00	.00	.01	.01	.01	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.00	.01	.004	24	.06
18	.03	.05	.01	.00	.00	.00	.00	.01	.01	.00	.00	.01	.01	.00	.01	.01	.01	.00	.00	.00	.00	.00	.01	.00	.01	.00	.00	.007	24	.08
19*	.01	.01	.00	.00	.01	.00	.01	.01	.01	.02	.02	.00	.00	.00	.00	.00	.01	.01	.00	.00	.00	.00	.00	.01	.00	.04	.00	.007	24	.12
20*																														
21													.01	.01	.01	.00	.00	.00	.00	.00	.00	.01	.01	.01	.01	.02	.01	.006	14	.04
22	.02	.01	.01	.01	.01	.00	.06	.02	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.00	.00	.00	.00	.01	.02	.01	.00	.010	23	.17
23	.00	.01	.02	.02	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.00	.01	.01	.01	.01	.01	.01	.009	24	.04
24	.01	.01	.01	.01	.01	.00	.01	.00	.01	.01	.01	.01	.01	.01	.01	.01	.01	.02	.01	.01	.01	.01	.01	.00	.00	.00	.00	.008	24	.04
25	.00													.00	.00	.00	.00	.00	.00	.00	.01	.01	.01	.00	.00	.01	.00	.003	14	.03
26*	.01	.01	.04	.01	.01	.01	.01	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.004	24	.05
27*	.00	.00	.00	.01	.00	.00	.01	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.01	.01	.01	.02	.03	.005	24	.04
28	.01	.01	.01	.01	.01	.02	.02	.04	.04	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.02	.01	.01	.01	.01	.013	24	.16
29	.01	.01	.02	.03	.02	.01	.03	.02	.01	.01					.01	.01	.01	.01	.01	.01	.01	.01	.00	.00	.00	.00	.00	.011	22	.10
30	.00	.00	.00	.00	.00	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.02	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.008	24	.02
MEAN	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.009		
NO.	28	27	27	27	27	27	27	27	27	26	26	28	29	29	28	29	28	29	29	29	29	29	29	29	29	29	29		670	
MAX	.03	.05	.04	.05	.02	.04	.06	.04	.04	.03	.02	.02	.02	.02	.02	.02	.02	.04	.01	.01	.07	.03	.03	.03	.04	.03		.014		.21

* Indicates Saturday or Sunday
Local standard time used

TABULATED THU., MAY 4, 1967

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of [illegible] and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONCENTRATION IN PPM

CONDUCTOMETRIC ANALYSIS

DENVER, COLO.

SULFUR DIOXIDE
DEC. 1966

DAY OF MONTH	AM 12-1	AM 1-2	AM 2-3	AM 3-4	AM 4-5	AM 5-6	AM 6-7	AM 7-8	AM 8-9	AM 9-10	AM 10-11	AM 11-12	PM 12-1	PM 1-2	PM 2-3	PM 3-4	PM 4-5	PM 5-6	PM 6-7	PM 7-8	PM 8-9	PM 9-10	PM 10-11	PM 11-12	DAILY MEAN	NO. OF HRS	5 MIN MAX
1	.01		.00	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.00	.00	.00	.00	.00	.00	.007	23	.01
2	.00	.00	.00	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.009	24	.02
3*	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.02	.01	.02	.01	.01	.02	.01	.01	.01	.01	.01	.01	.011	24	.03
4*	.01	.01	.01	.03	.01	.03	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.012	24	.05
5	.01	.01	.01	.01	.01	.01	.02	.04	.01	.02	.03	.02	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.009	24	.12
6	.00	.00	.00	.00	.00	.00	.00	.00	.01	.01	.01	.01	.01	.01	.02	.01	.01	.01	.00	.01	.00	.00	.01	.00	.004	24	.02
7	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01		.01	.01	.01	.01	.00	.00	.01	.01	.01	.00	.00	.01	.03	.009	23	.05
8	.01	.00	.00	.00	.00	.01	.01	.01	.01	.01	.01	.01	.00	.00	.00	.00	.01	.00	.00	.00	.00	.00	.00	.00	.003	24	.02
9	.00	.00	.00	.00	.00	.00	.00	.00	.01	.02				.01	.01	.01	.01	.01	.00	.01	.02	.01	.01	.01	.006	21	.03
10*	.01	.01	.03	.01	.01	.01	.01	.02	.02	.03	.09	.07	.04	.02	.02	.01	.01	.01	.01	.01	.01	.02	.03	.02	.021	24	.15
11*	.02	.01	.01	.01	.03	.03	.02	.01	.01	.01	.01	.01	.00	.00	.00	.00	.00	.00	.01	.01	.01	.01	.01	.00	.009	24	.07
12	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.00	.00	.00	.01	.01	.01	.01	.01	.02	.01	.01	.00	.004	24	.03
13	.01	.00	.00	.00	.01	.00	.00	.01	.00	.01	.01	.01	.00	.00	.00	.00	.00	.01	.00	.01	.00	.01	.01	.00	.004	24	.03
14	.00	.00	.00	.00	.01	.04	.03	.01	.01	.02	.01	.01	.01	.01	.01	.01	.00	.00	.00	.00	.01	.00	.00	.01	.008	24	.05
15	.02	.02	.00	.01	.00	.00	.03	.02	.01	.02	.01	.00	.00	.00	.00	.00	.00	.00	.00	.01	.01	.01	.01	.01	.008	24	.05
16	.00	.00	.00	.02	.01	.01	.02	.03	.04	.01	.00	.01	.01	.00	.00	.00	.00	.01	.02	.02	.01	.01	.01	.02	.011	24	.05
17*	.00	.01	.01	.01	.01	.01	.00	.00	.01	.00	.00		.03	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.008	23	.06
18*	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.008	24	.01
19	.01	.00	.01	.01	.01	.01	.01	.00	.00	.01	.01	.01	.00	.00	.01	.00	.00	.00	.00	.01	.01	.01	.01	.01	.005	24	.02
20	.01	.00	.01	.00	.01	.01	.01	.01	.01	.01	.01	.01	.00	.00	.01	.01	.01	.01	.01	.01	.01	.01	.00	.01	.008	24	.03
21	.01	.01	.01	.01	.03	.01	.02	.02	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.02	.01	.01	.01	.00	.011	24	.05
22	.00	.00	.00	.00	.00	.01	.01	.01	.01				.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.002	21	.02
23	.00	.01	.00	.00	.00	.00	.00	.00	.00	.01	.01	.00	.00			.01	.00	.00	.00	.00	.00	.00	.00	.00	.002	22	.03
24*	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.000	24	.00
25*	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.000	24	.01
26																											
27												.00	.00	.00	.01	.01	.01	.00	.01	.01	.02	.01	.04	.02	.011	13	.06
28																											
29											.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01		.010	13	.03
30		.01		.02	.01		.01	.01	.00	.00	.01	.01	.00	.01	.00	.01	.02								.007	14	.03
31*																											
MEAN	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.007		
NO	25	25	25	26	26	25	26	26	26	25	24	25	27	27	27	28	28	27	27	27	27	27	27	26		629	
MAX	.02	.02	.03	.03	.03	.04	.03	.04	.04	.03	.09	.07	.04	.02	.02	.01	.02	.02	.02	.02	.02	.02	.04	.03	.021		.15

* Indicates Saturday or Sunday

Local standard time used

TABULATED: THU., MAY 4, 1967

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONCENTRATION IN PPM

FLAME IONIZATION ANALYSIS

DENVER, COLO.

TOTAL HYDROCARBON
JAN. 1966

DAY OF MONTH	AM 12	AM 12-1	AM 1-2	AM 2-3	AM 3-4	AM 4-5	AM 5-6	AM 6-7	AM 7-8	AM 8-9	AM 9-10	AM 10-11	AM 11-12	PM 12-1	PM 1-2	PM 2-3	PM 3-4	PM 4-5	PM 5-6	PM 6-7	PM 7-8	PM 8-9	PM 9-10	PM 10-11	PM 11-12	DAILY MEAN	NO. OF HRS	5 MIN MAX
1*	1.7	2.1	3.8	2.4	2.2	4.0	5.0	4.1	2.1	1.8	1.6	1.4	1.5	1.7	1.7	1.7	1.8	1.7	1.8	2.0	1.5	1.6	1.5	1.5	2.16	24	5.9
2*	1.5											1.7	1.6	1.6	1.7	1.7	1.8	2.5	2.8	2.5	2.7	2.6	2.3	2.2	2.07	14	3.7
3	2.1	1.8	2.6	2.3	3.2	4.3	3.8	4.8	6.4	5.8	4.1	3.7	3.5	2.2	2.8	4.2	8.3	6.2	5.6	3.7	3.6	3.4	3.4	2.3	3.91	24	12.8
4	1.6	2.0	1.7	1.8	1.7	2.0	5.0	4.4	4.3	3.2	3.2	3.0	2.5	2.2	2.5	3.1	7.9	10.4	11.6	14.2	4.7	3.1	3.1	2.1	4.21	24	18.4
5	2.0	1.9	1.8	1.8	1.7	1.8	2.2	4.2	4.9	6.3	4.6	5.8	3.4	2.8	2.8	3.4	5.9	7.6	8.3	3.4	5.2	3.3	3.3	3.8	3.82	24	14.4
6	2.8	2.4	2.0	1.8	1.6	2.6	4.4	12.0	12.7	10.7	5.8	2.1	2.2	2.4	2.7	2.5	4.1	6.3	6.7	3.6	1.5	1.9	3.3	1.8	4.14	24	18.1
7	2.0	2.0	2.3	2.2	2.4	1.7	2.2	3.2	5.0	4.4	3.7	2.3	1.6	1.6	1.7	2.3	3.9	4.9	3.6	3.9	2.6	3.0	2.8	2.9	2.82	24	7.6
8*	1.7	1.6	1.5	1.7	1.6	1.7	2.1	2.2	2.7	2.4	3.0	3.3	3.8	5.6	7.8	9.2	2.8	8.4	3.4	3.2	1.8	2.2	1.8	2.7	3.24	24	15.0
9*	4.3	4.3	1.3	1.5	1.7	1.7	2.6	2.6	1.8	1.7	1.6	1.5	1.4	1.5	1.6	1.5	1.6	1.7	2.4	2.9	2.5	3.4	3.9	5.4	2.32	24	7.0
10	4.9	5.1	6.3	5.5	5.0	6.3	5.7	7.5	6.0	4.5	7.2	4.8	3.5	2.5	2.6	2.7	4.8	3.6	2.8	2.2	2.7	3.0	2.6	2.5	4.33	24	12.9
11	2.1	1.9	2.1	1.7	2.1	4.4	5.3	7.4	6.9	4.2	4.4	3.6	4.0	3.3	2.6	2.5	3.6	3.4	1.7	1.5	1.7	1.6	1.5	1.9	3.13	24	8.4
12	1.8	1.6	1.6	1.6	1.8	2.1	3.3	3.8	5.0	5.1	3.4	2.2	2.3	1.8	1.9	2.5	3.3	4.8	2.3	2.1	2.4	5.4	3.8	2.6	2.77	24	7.4
13	2.0	1.9	1.6	1.6	1.7				3.1	3.2	2.6	2.3	1.8	2.0	2.4	2.9	3.2	3.3	4.1	5.9	5.2	3.8	3.0	2.6	2.85	21	6.9
14	2.2	1.9	1.7	1.5	1.5	1.8	2.3	3.3	2.7	2.5	2.8	2.9	3.3	3.4	3.0	2.6	3.2	2.9	3.0	3.7	3.1	2.1	2.0	2.3	2.55	24	4.6
15*	1.9	2.4	2.8	1.6	1.7	1.6	1.9	1.9	2.3	2.0	1.9	2.2	2.4	2.4	2.6	2.2	2.1	2.3	2.0	1.8	1.8	1.8	1.8	2.0	2.04	24	6.3
16*	1.7	1.6	1.7	1.6	1.5	1.6	1.6	1.7	1.7	1.7	1.7	1.7	1.7	1.9	2.0	2.2	2.1	3.0	2.9	3.3	2.7	1.7	1.9	2.4	1.97	24	4.3
17	2.3	2.6	2.3	1.7	1.5	1.6	1.8	3.2	3.1		3.4	3.0	2.2	2.0	2.2	2.4	4.0	4.7	3.8	3.3	2.7	2.6	3.1	3.4	2.72	23	7.0
18	2.5	2.1	2.0	1.7	1.8	1.9	2.3	4.3	4.7	3.5	4.0	3.6	3.3	3.0	2.6	2.8	5.0	7.9	6.6	5.5	5.4	5.3	3.9	5.1	3.78	24	9.7
19	3.3	3.5	2.9	2.5	2.4	2.8	3.1	3.4	3.7	3.4	2.9	2.6	2.7	2.6	2.5	2.6	3.8	3.7	2.3	2.4	2.0	2.2	2.4	2.1	2.80	24	8.6
20	1.9	1.7	1.6	1.5	1.5	1.7	1.9	2.8	3.3	2.6	2.7	2.7	2.4	2.3	2.2	2.5	3.1	3.3	2.1	2.1	2.1	2.3	3.5	4.0	2.39	24	8.3
21	3.5	3.6	3.2	1.9	1.7	4.9	6.8	5.6	3.4	2.6	2.5	1.9	2.0	2.0	2.1	2.2	2.9	3.6	4.3	6.2	4.8	3.2	2.8	3.8	3.39	24	8.6
22*	4.0	7.0	5.0	4.1	2.9	2.4	3.0	2.1	2.4	2.0	2.4	3.0	3.7	3.1	2.8	2.9	2.7	3.0	2.7	3.8	3.5	3.0	3.0	2.6	3.18	24	8.3
23*	5.5	4.3	4.1	4.4	4.7	4.2	3.3	2.4	1.8	1.6	1.5	1.5	1.4	1.5	1.4	1.4	1.6	1.7	2.3	2.5	2.4	3.9	3.8	3.5	2.76	24	8.8
24	1.9	2.2	1.7	1.5	1.4	1.8	2.0	2.9	3.2	2.5	2.9	2.4	2.0	2.1	1.8	2.2	3.8	3.4	3.0	3.0	2.8	2.9	2.3	2.2	2.39	24	6.0
25	2.6	1.3	1.3							3.9		3.0	2.5	2.7	2.6	2.3	3.2	2.8	2.3	2.3	2.2	2.4	2.3	2.4	2.46	17	4.8
26	2.4	1.9												2.3	2.1	2.1	3.0	4.9	5.4	3.9	4.4	4.2	4.2	4.0	3.45	13	7.3
27	4.3	5.6	4.5	5.2	6.5	4.7	8.0	10.6	5.2	3.3	2.8	2.6	2.4	2.6	2.5	2.8	4.5	4.2	2.5	2.6	2.3	2.3	3.3	2.6	4.06	24	13.2
28	1.7	1.6	1.8	2.1	2.7	3.1	4.3	4.6	5.1	5.0	3.0	2.6	2.2	2.5	2.5	2.6	3.4	3.6	3.9	5.3	4.3	3.1	4.2	3.7	3.28	24	7.1
29*	5.1	4.2	3.1	3.0	3.6	3.7	4.1	4.5	5.1	5.2	4.8	5.3	5.1	5.6	4.1	3.4	3.4	4.0	4.0	4.6	5.2	6.1	5.2	5.4	4.48	24	8.5
30*	6.2	5.5	5.0	4.2	2.4	2.1	2.0	2.1	2.6	2.6	2.5	2.1	1.7	1.6	1.8	2.3	3.1	3.7	8.9	10.2	15.8	8.1	7.2	6.3	4.65	24	19.1
31	4.8		2.9	2.4	3.4	3.0	3.9	5.0	4.2			3.2	3.2	3.3	3.8	3.7	4.5	3.4	2.6	2.6	2.6	2.3	2.2	2.4	3.28	21	6.4
MEAN	2.8	2.8	2.6	2.4	2.4	2.8	3.5	4.3	4.1	3.6	3.2	2.8	2.6	2.5	2.5	2.7	3.6	4.2	3.9	3.8	3.5	3.1	3.1	3.0	3.16		
NO.	31	29	29	28	28	27	27	27	28	27	27	30	30	31	31	31	31	31	31	31	31	31	31	31		709	
MAX	6.2	7.0	6.3	5.5	6.5	6.3	8.0	12.0	12.7	10.7	7.2	5.8	5.1	5.6	7.8	9.2	8.3	10.4	11.6	14.2	15.8	8.1	7.2	6.3	4.65		19.1

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TABULATED THU., MAY 4, 1967

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONCENTRATION IN PPM

FLAME IONIZATION ANALYSIS

DENVER, COLO.

TOTAL HYDROCARBON
FEB. 1966

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS	5 MIN MAX
1	2.4	2.2	2.3	2.7	2.9	3.3	4.0	6.3	3.7	3.0	2.9	2.5	2.4	2.4	2.3	2.5	3.5	3.6	2.8	2.4	2.3	2.8	2.6	2.8	2.93	24	8.1
2	3.5	4.5	5.1	4.1	2.6	2.9	3.8	3.2	6.7	5.9	3.8	2.8	2.5	2.5	2.5	2.8	4.0	3.3	2.4	2.6	2.1	2.8	2.9	2.1	3.38	24	9.3
3	1.8	1.8	1.6	1.6	1.6	1.5	1.8	2.4	2.5	2.3	2.3	2.4	2.0	2.0	2.2	2.4	3.7	5.3	5.2	6.3	3.3	3.2	3.2	2.8	2.69	24	7.8
4	2.7	2.5	2.4	2.4	2.1	3.1	3.9	6.5	4.5	4.5	3.8	4.3	3.5	4.4	3.3	2.8	4.8	8.1	4.0	8.3	5.3	3.4	3.7	4.0	4.08	24	16.9
5*	3.4	3.5	3.0	2.6	2.0	2.0	2.7	3.1	5.5	4.0	2.9	3.1	3.8	3.4	2.3	2.0	1.7	2.2	2.4	2.6	4.2	3.8	3.1	3.1	3.01	24	10.0
6*	2.6	2.2	1.8	1.6						3.3	2.5	1.8	1.8	1.8	1.9	1.9	2.1	2.6	3.6	3.8	4.0	5.3	7.1	6.3	3.04	19	8.1
7	5.1	2.9	2.6	1.9	2.5	2.9	4.3	6.1	4.4		5.0	5.7	9.2	5.4	2.5	2.3	3.2	4.3	6.0	9.5	4.3	4.5	3.2	2.8	4.01	23	12.3
8	2.4	2.4	2.7	3.0	2.9	2.8	2.5	2.7	2.4	2.4	2.5	2.4	2.3	2.8	2.8	3.1	4.6	3.4	2.0	1.9	1.6	1.6	1.4	1.4	2.49	24	5.9
9	1.3	1.4	1.4	1.4	1.4	1.5	2.2	3.4	3.1	2.3	1.8	1.8	1.7	1.7	1.7	2.0	2.7	2.9	1.9	1.7	1.6	1.9	1.6	1.6	1.91	24	4.3
10	1.6	1.9	1.9	2.0	2.0	2.2	2.4	2.6	4.4	3.4	2.6	2.2	2.0	2.0	2.6	2.6	3.9	3.3	2.5	2.2	1.9	2.5	2.5	3.0	2.48	24	5.7
11	2.1	1.6	1.6	1.7	1.7	1.7	2.1	3.7	3.9	2.8	2.1	2.0	1.9	1.9	2.0	1.8	2.7	3.3	2.6	2.1	2.5	2.3	2.6	2.0	2.27	24	5.4
12*	2.1	1.9	2.3	2.0	1.8	1.6	2.7	4.9	6.3	6.2	3.3	3.2	2.2	2.5	2.2	1.8	1.7	1.8	1.5	1.5	1.6	1.5	1.4	1.3	2.45	24	12.3
13*	1.4	1.3	1.4	1.3	1.4	1.4	1.4	1.6	1.9	2.2	2.0	1.6	1.6	1.4	1.5	1.4	1.6	2.0	2.2	2.8	3.0	2.7	2.1	2.1	1.79	24	3.8
14	1.7	1.6	2.0	1.7	1.8	1.5	1.8	2.5	2.5	2.7	2.9	2.0	1.9	1.7	1.9	2.2	2.6	2.7	2.1	2.7	2.3	1.9	2.3	1.9	2.11	24	3.9
15	2.5	4.1	5.3	4.1	4.4	9.9	8.4	7.7	4.7	6.2	3.4	2.3	2.0	1.9	2.1	2.2	2.9	2.6	2.2	1.8	2.6	2.5	2.2	2.0	3.57	24	10.9
16	1.7	1.6	1.6	1.5	1.6	1.7	2.5	4.7	5.4	3.8	2.2	1.6	1.7	1.5	1.9	2.8	4.1	3.3	2.9	3.3	3.1	2.7	2.5	2.2	2.56	24	6.7
17	2.0	1.9	1.8	1.7	1.7	1.6	2.0	2.4	2.5	2.4	3.3	2.6	1.8	1.9	2.2	2.4	3.4	4.1	2.1	1.4	1.7	1.7	2.3	1.6	2.18	24	5.8
18	1.3	1.7	2.0	1.2	1.3	1.8	3.1	1.9	2.5	2.6	1.9	2.3	2.2	2.5	3.2	2.7	3.7	5.7	10.0	6.4	6.1	3.4	3.0	5.9	3.25	24	13.2
19*	4.2	4.6	5.7	7.0	4.5	3.7	1.9	2.5	2.8	2.9	2.5	2.1	1.6	1.6	2.2	2.4	2.3	2.7	2.7	2.8	2.6	2.1	1.9	1.8	2.94	24	9.1
20*	1.8	1.7	1.9	1.8	1.8	1.7	1.9				2.1	2.1	2.3	2.3	2.0	1.7	2.1	2.1	2.2	2.4	2.1	1.8	2.0	1.8	1.97	21	3.6
21	1.8	1.7	1.9	1.8	2.3	2.5	3.3	6.0	6.5		2.8	2.4	2.3	2.1	2.1	2.6	3.5	2.8	2.4	2.3	1.9	2.2	1.9	1.7	2.63	23	8.1
22	1.6	1.6	1.5	1.6	1.8	2.0	2.3	3.0	3.5	3.0	2.0	1.7	1.9	1.8	1.9	2.2	2.6	2.9	2.4	2.9	2.3	1.8	1.8	1.7	2.15	24	4.7
23	1.6	1.7	1.9	1.8	2.2	2.4	3.1	4.2	3.1	2.9	2.1	2.0	1.6	1.8	1.8	2.2	2.9	2.7	2.4	3.0	2.1	1.8	1.6	1.8	2.28	24	5.4
24	1.7	1.5	1.5	1.4	1.5	1.7		2.5	2.4			2.1	1.6	1.8	1.6	1.8	2.4	2.6	3.0	4.3	5.8	3.6	2.4	2.1	2.33	21	7.2
25	2.3	2.1	2.2	2.8	2.5	2.8	4.5	7.0	7.1	4.7	3.5	2.4	2.3	2.5	2.6	2.7	4.2	3.9	3.5	3.3	2.6	3.0	4.3	3.3	3.41	24	11.2
26*	3.4	3.0	2.6	1.8	2.7	2.9	2.5	2.2	2.5	2.0	2.3	2.2	2.1	1.9	2.0	1.8	2.1	2.4	2.3	2.6	2.0	2.0	2.2	2.3	2.32	24	4.6
27*	2.2	1.8	1.7	1.5	1.6	1.8	1.9	1.8	2.0	2.6	1.9	1.7	1.7	1.5	1.7	1.4	1.4	1.6	1.8	2.1	1.9	1.8	1.8	1.5	1.76	24	3.4
28	1.6	1.6	1.4	1.3	1.3	1.4	1.5	2.2	2.9		1.7	1.9	2.0	2.0	2.0	1.9	2.8	2.9	2.6	2.9	4.2	4.4	4.1	3.2	2.33	23	5.5
MEAN	2.3	2.2	2.3	2.2	2.1	2.3	2.9	3.7	3.8	3.4	2.7	2.4	2.2	2.2	2.2	2.2	3.0	3.2	3.0	3.1	2.9	2.7	2.6	2.5	2.65		
NO.	28	28	28	28	27	27	26	26	26	23	27	28	28	28	28	28	28	28	28	28	28	28	28	28		658	
MAX	5.1	4.6	5.7	7.0	4.5	9.9	8.4	7.7	7.1	6.2	5.0	5.7	5.2	5.4	3.3	3.1	4.8	8.1	10.0	8.3	6.1	5.5	7.1	6.3	4.08		16.9

* Indicates Saturday or Sunday

Local standard time used

TABULATED THU., MAY 4, 1967

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONCENTRATION IN PPM

FLAME IONIZATION ANALYSIS

DENVER, COLO.

TOTAL HYDROCARBON
MARCH 1966

DAY OF MONTH	AM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	PM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5 MIN MAX
1	2.2	2.7	2.3	1.9	1.4	1.3	1.7	2.4	2.3	2.0	1.6	1.7	1.8	2.0	2.2	2.4	3.5	3.4	3.2	2.6	2.6	4.1	3.0	2.4	2.35	24	5.5
2	2.5	3.4	4.3	3.2	2.8	2.7	2.8	5.7	6.8	3.6	2.6	2.1	1.9	2.1	2.2	2.5	3.4	3.2	1.7	1.6	1.4	1.5	1.3	1.3	2.75	24	9.5
3	1.2	1.2	1.3	1.2	1.3	1.3	2.0	2.8	2.1	1.7	1.9	1.9	1.7	1.8	1.8	2.0	2.3	1.9	1.8	1.7	1.5	1.3	1.4	1.4	1.68	24	3.8
4	1.3									1.8	1.8	2.0	1.8	1.7	2.0	2.1	2.5	1.8	1.8	1.5	1.7	1.6	1.5	1.5	1.75	16	3.1
5*	1.4	1.5	1.7	1.6	1.8	1.8	2.1	2.4	2.0	2.0	1.8	1.9	1.6	1.5	1.6	1.6	1.6	1.8	2.0	2.0	2.2	2.3	3.3	3.1	1.93	24	4.4
6*	2.9	2.5	2.3	2.0	2.3	3.2	3.1	1.9	2.0	2.2	2.1	2.0	1.6	1.6	1.6	1.6	1.7	1.8	1.9	2.1	2.0	2.1	3.1	2.8	2.17	24	4.9
7	3.4	2.9	2.4	2.3	2.6	2.4	2.6	4.2	4.8		2.2	1.9	1.8	1.8	1.9	2.1	2.8	2.4	1.9	2.4	3.1	3.6	3.0	8.7	2.65	23	6.2
8	3.4	3.1	2.9	3.0	2.2	1.9	2.3	3.8	3.5	2.4	1.7	1.6	1.5	1.6	1.5	2.1	3.3	3.2	2.7	2.1	2.8	4.4	4.5	3.9	2.71	24	6.2
9	3.2	2.4	1.8	1.8	1.7	1.8	2.2	4.2	3.5	3.6	2.8	2.1	1.8	1.7	2.0	1.8	2.3	2.6	2.7	2.8	3.5	3.6	2.9	2.5	2.54	24	5.1
10	3.1	2.0	2.3	1.9	1.9	2.0	2.3	3.8	3.9	3.7	3.5	2.2	1.6	1.7	2.1	2.5	4.6	2.7	2.1	2.4	2.0	2.6	2.7	1.7	2.53	24	7.0
11	1.7	2.0	2.0	1.9	1.9	2.6	4.1	4.5	3.0	2.5	2.2	1.9	1.8	1.7	1.8	1.9	2.8	2.5	2.3	2.3	3.2	3.6	2.6	2.7	2.46	24	5.2
12*	3.3	4.2	2.6	2.4	2.3	2.4	2.5	2.2	2.2	2.3	2.1	1.6	1.6	1.5	1.5	1.6	1.6	1.8	2.2	2.3	3.2	3.0	3.0	2.3	2.31	24	6.1
13*	2.8	2.4	2.5	2.1	1.9	2.3	2.5	2.1	1.8	1.5	1.5	1.4	1.5	1.4	1.5	1.4	1.6	2.2	2.6	2.8	2.4	3.0	2.8	3.9	2.15	24	5.1
14	2.8	2.3	2.1	1.8	1.7	1.9	1.9	3.1	3.1		2.3	2.0	1.8	1.6	1.7	1.7	2.5	2.4	2.3	2.5	3.1	4.5	4.0	3.9	2.46	23	5.7
15	3.5	2.8	2.1	1.6	1.6	1.5	1.9	3.1	3.0	2.6	2.4	2.1	1.9	1.8	1.7	1.7	2.1	2.5	2.9	3.4	2.8	2.5	2.0	1.8	2.29	24	4.4
16	2.0	1.7	2.0	2.3	1.8	2.0	2.9	3.1	2.0	1.7	2.1	1.8	1.7	1.5	1.6	1.5	1.8	1.6	1.7	1.4	1.6	1.7	1.4	1.6	1.83	24	3.9
17	1.9	1.4	1.3	1.3	1.3	1.4	2.0	2.3	2.5	1.5	1.6	1.6	1.5	1.4	1.5	1.6	1.8	1.6	1.6	1.5	1.5	1.9	1.5	1.6	1.61	24	3.8
18	1.5	1.6	1.4	1.7	1.8	1.8	1.9	2.7	2.0	1.7	1.7	1.8	1.9	1.7	1.8	1.9	2.5	2.5	1.7	2.0	2.2	2.3	2.7	2.4	1.95	24	3.5
19*	2.9	2.4	2.1	1.8	2.5	2.2	3.7	5.2	6.6	3.9	3.3	2.7	1.7	1.4	1.7	1.9	2.3	3.2	3.7	4.9	4.8	5.3	3.7	2.9	3.19	24	10.0
20*	2.2	2.0	2.2	2.2	2.4	2.5	1.9	2.7	2.1	1.4	1.4	1.4	1.4	1.5	1.6	1.5	1.6	1.8	2.1	2.0	2.0	2.5	2.5	2.8	1.97	24	5.7
21	3.0	2.6	2.3	1.8	1.6	1.9	2.2	2.7	2.3		2.3	1.9	1.7	1.6	1.6	1.5	2.0	1.9	1.9	1.6	1.8	1.9	1.9	1.7	1.96	23	3.7
22	1.6	1.6	1.6	1.5	1.4	1.4	1.7	3.0	3.0	2.1	1.9	2.0	2.0	2.1	2.3	2.5	3.0	2.6	2.3	2.3	2.1	2.1	2.2	2.1	2.09	24	4.1
23	1.9	1.7	1.8	1.5	1.6	1.9	2.3	2.8	2.6	1.9	1.8	1.8	1.7	1.8	1.8	1.8	2.4	2.2	1.9	2.1	2.4	2.1	2.3	3.5	2.05	24	3.9
24	2.4	2.3	2.5	3.2	2.9	3.6	4.4	4.1	3.9	2.4	1.9	1.7	1.8	1.7	2.0	2.0	2.6	2.3	2.8	3.6	4.1	4.2	4.3	2.8	2.88	24	5.5
25	2.5	2.3	2.7	2.5	2.6	2.4	2.3	2.8	3.7	2.9	2.2		1.8	1.7	1.9	1.9	2.4	2.2	1.7	1.6	1.7	1.8	1.8	2.4	2.25	23	5.1
26*	2.8	1.8	1.6	2.4	1.8	2.3	2.8	2.9	2.3	2.4	2.2	1.6	1.5	1.6	1.6	1.5	1.5	1.7	2.0	2.2	2.6	3.3	4.3	4.7	2.30	24	7.4
27*	2.7	4.2	3.3	2.5	2.5	3.4	2.9	1.9	1.6	1.4	1.4	1.3	1.3	1.5	1.4	1.4	1.6	1.5	2.0	1.9	1.7	2.1	2.1	1.7	2.04	24	5.4
28	1.3	1.4	1.3	1.4	1.6	2.1	2.4	2.9	4.1	2.8		1.9	2.0	1.9	1.8	2.0	2.7	2.4	2.3	1.9	2.1	2.6	2.7	2.3	2.19	23	4.5
29	3.7	2.6	1.6	1.7	2.8	3.1	2.9	3.7	3.3	2.3	2.0	1.7	1.7	1.8	1.8	1.9	2.8	2.2	2.2	2.6	2.7	2.7	2.3	8.3	2.39	24	4.6
30	1.9	1.5	1.6	1.5	1.4	1.5	2.4	3.5	3.6	2.2	1.8	1.9	1.7	1.9	1.8	1.9	2.1	2.6	2.1	1.8	2.2	3.1	3.9	2.2	2.16	24	4.7
31	1.9	1.8	1.9	1.7	1.5	1.5	2.2	4.1	3.5	1.9	1.5	1.8	1.9	2.1	1.6	1.6	1.7	1.7	1.6	2.0	1.6	1.6	1.8	1.5	1.90	24	6.0
MEAN	2.4	2.3	2.1	2.0	2.0	2.1	2.5	3.2	3.1	2.3	2.1	1.8	1.7	1.7	1.8	1.8	2.3	2.3	2.2	2.2	2.4	2.7	2.6	2.5	2.25		
NO	31	30	30	30	30	30	30	30	30	28	30	30	31	31	31	31	31	31	31	31	31	31	31	31		731	
MAX	3.7	4.2	4.3	3.2	2.9	3.6	4.4	5.7	6.8	3.9	3.5	2.7	2.0	2.1	2.3	2.5	4.6	3.4	3.7	4.9	4.8	5.3	4.5	4.7	3.19		10.0

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TABULATED THU., MAY 4, 1967

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONCENTRATION IN PPM

FLAME IONIZATION ANALYSIS

DENVER, COLO.

TOTAL HYDROCARBON
APRIL 1966

DAY OF MONTH	A.M. 12	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS	5 MIN MAX
1	1.4	1.4	1.5	1.6	1.4	2.0	2.5	3.1	2.5	1.6	1.6	1.7	1.6	1.6	1.7	2.1	2.3	2.5	2.8	3.8	3.0	1.9	1.7	2.2	2.05	24	4.7
2*										1.2	1.1	1.2	1.3	1.4	1.4	1.4	1.5	1.6	1.6	1.9	1.5	1.4	1.3	1.4	1.41	15	3.0
3*	1.3	1.2	1.3	1.1	1.2	1.1	1.3	1.3	1.2	1.2	1.3	1.3	1.3	1.3	1.5	1.4	1.4	1.4	1.5	1.5	1.5	1.5	1.6	1.4	1.33	24	1.8
4	1.2	1.2						2.2			2.0	2.0	1.7	1.9	2.1	1.8	3.0	2.4	1.6	1.6	1.5	1.9	1.7	1.6	1.84	17	4.1
5	1.7	2.0	1.7	1.9	1.8	1.6	1.7	2.1	1.9	1.6	1.7	1.7	1.6	1.8	1.9	2.0	1.9	1.5	1.3	1.3	1.8	2.0	2.2	1.7	1.76	24	2.9
6	1.5	1.5	1.5	1.6	2.0	3.3	3.4	4.5	2.1	1.5	1.7	1.7	1.7	1.7	1.7	2.1	2.7	2.7	2.0	1.9	1.6	1.6	2.1	2.2	2.08	24	5.4
7	2.9	3.0	2.1	1.4	1.5	1.3	1.5	2.9	2.6	1.6	1.4	1.4	1.5	1.9	1.8	1.7	2.2	2.1	1.7	1.7	1.6	1.5	1.6	1.6	1.84	24	4.1
8	1.5	1.4	1.4	1.5	1.8	2.7	3.7	4.6	3.6	2.5	2.2	2.4	2.0	1.6	1.8	2.0	2.3	2.2	1.8	2.0	1.9	2.1	2.0	1.8	2.18	24	5.8
9*	1.7	1.7	2.0	2.5	2.3	2.1	3.6	4.2	2.9	2.3	1.6	1.5	1.5	1.6	1.8	2.0	1.8	1.9	2.0	2.3	2.9	3.3	3.0	2.0	2.26	24	5.1
10*	2.3	1.9	2.0	1.9	1.8	1.7	1.9	1.5	1.5	1.3	1.3	1.2	1.3	1.2	1.3	1.5	1.5	1.5	1.3	1.5	1.4	1.3	1.4	1.3	1.52	24	2.7
11	1.3	1.3	1.3								2.2	2.0	1.9	2.0	2.3	2.3	3.4	3.3	2.5	1.9	1.6	1.6	1.5	1.5	1.97	17	4.9
12	1.5	1.4	1.5	1.4	1.4	1.6	2.2	2.7	2.6	2.3	1.8	2.0	1.6	2.1	1.9	1.9	2.6	2.1	1.7	1.6	1.6	1.6	2.0	2.3	1.88	24	3.8
13	2.2	2.0	1.6	2.0	2.0	1.6	2.4	3.4	3.4	2.3	1.9	1.8	1.9	1.8	1.9	2.0	2.3	2.4	1.9	1.9	2.0	1.9	1.8	1.9	2.08	24	4.1
14	1.6	1.9	1.8	2.1	1.8	1.8	2.1	2.9	2.6	2.7	1.9	1.7	1.7	1.8	1.7	1.8	2.1	2.3	1.9	2.4	2.2	2.5	2.2	2.0	2.05	24	4.4
15	2.3	1.9	1.6	1.4	1.4	1.4	1.6	2.4	3.0	2.2	1.7	1.7	1.7	1.6	1.8	2.0	2.4	2.4	2.4	2.4	2.4	2.6	4.4	4.4	2.20	24	7.1
16*	1.8	1.5	1.7	1.6	1.6	1.7	1.5	1.9	2.0	2.0	2.0	2.1	1.8	1.7	1.7	1.8	1.7	1.7	2.0	2.8	3.8	3.8	1.8	1.8	1.98	24	4.6
17*	1.5	1.7	1.6	1.5	1.3	1.4	1.4	1.4	1.6	1.6	2.1	2.0	1.7	1.6	1.7	1.5	1.6	1.5	1.5	2.0	1.6	1.4	1.3	1.3	1.56	24	4.6
18	1.5	1.3	1.2	1.2	1.2	1.4	1.6	3.0	3.0	2.5	2.7	2.4	2.2	2.2	2.4	2.5	3.0	2.2	1.6	1.6	1.4	1.3	1.3	1.3	1.91	24	4.3
19	1.2	1.3	1.2	1.3	1.2	1.3	1.4	2.0	2.2	1.9	2.0	1.8	1.9	1.8	1.9	2.1	3.1	2.6	1.8	1.6	1.5	1.3	1.3	1.3	1.69	24	4.5
20	1.3	1.2	1.2	1.2	1.1	1.2	2.2	2.9	2.5	2.1	2.1	1.6	1.8	1.8	1.6	1.6	2.0	2.2	1.9	2.1	2.0	1.9	1.9	1.9	1.79	24	3.5
21	2.2	2.5	2.8	2.7	2.6	2.4	3.5	3.6	3.3	3.1	2.9	2.0	1.7	1.5	1.5	1.7	2.2	2.3	2.2	1.9	2.0	1.8	1.9	1.7	2.33	24	4.9
22	1.5	1.4	1.5	1.8	1.5	1.6	1.6	2.3	2.1	2.0	1.8	1.8	1.8	2.1	2.3	2.3	2.8	2.3	1.8	2.2	1.9	1.6	1.6	1.9	1.89	24	3.3
23*	2.0	2.3	2.0	1.6	1.5	1.5	1.7	1.4	1.5	2.3	2.3	2.3	2.1	2.3	2.2	2.3	2.3	2.2	2.3	2.0	2.1	2.1	2.1	2.0	2.00	24	4.4
24*	2.0	2.0	3.0	2.4	2.1	2.2	2.1	1.8	1.7	1.7	1.7	1.7	1.7	1.7	1.6	1.7	1.7	1.7	2.0	2.4	2.1	2.2	2.5	1.8	1.97	24	4.4
25	1.8	1.7	1.8	1.5	1.4	1.9	2.9	2.7		2.4	2.0	1.8	1.8	1.9	1.9	2.2	2.1	2.0	1.9	1.7	1.8	1.9	1.7	1.5	1.90	23	3.8
26	1.4	1.4	1.3	1.7	1.4	1.5	2.6	2.3	1.9	1.7	1.7	1.6	1.7	1.5	1.7	1.7	1.5	1.4	1.5	1.6	1.7	2.0	1.7	1.4	1.65	24	3.4
27	1.5	1.2	1.1	1.1	1.2	1.6	1.6	1.4	1.3	1.5	1.5	1.3	1.4	1.6	1.8	2.2	2.0	1.7	1.7	1.8	1.6	1.8	2.1	1.7	1.56	24	2.9
28	1.5	1.7	1.9	1.7	2.0	2.1	2.8	2.0	2.1	2.1	2.2	2.2	2.3	2.0	2.3	2.7	2.8	2.0	2.1	2.1	2.4	2.4	2.1	2.3	2.14	24	3.7
29	1.8	2.2	2.1	2.4	3.0	3.4	4.4	3.8	2.0	1.8	1.9	1.9	1.7	1.8	1.9	2.5	2.4	1.9	1.9	1.6	1.5	1.6	1.5	1.8	2.17	24	5.6
30*	1.4	1.5	1.5	1.5	1.5	1.6	1.8	1.8	1.7	1.5	1.6	1.6	1.6	1.4	1.4	1.4	1.4	1.5	1.6	1.6	1.7	2.3	2.0	1.7	1.60	24	2.7
MEAN	1.7	1.7	1.7	1.7	1.7	1.8	2.3	2.6	2.3	1.9	1.9	1.8	1.7	1.7	1.8	1.9	2.2	2.0	1.9	1.9	1.9	1.9	1.9	1.8	1.89		
NO.	29	29	28	27	27	27	27	28	26	28	30	30	30	30	30	30	30	30	30	30	30	30	30	30		696	
MAX	2.9	3.0	3.0	2.7	3.0	3.4	4.4	4.6	3.6	3.1	2.9	2.4	2.3	2.3	2.4	2.7	3.4	3.3	2.8	3.8	3.8	3.8	4.4	4.4	2.33		7.1

* Indicates Saturday or Sunday
Local standard time used

TABULATED THU., MAY 4, 1967

B-59

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of [illegible] and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONCENTRATION IN PPM

FLAME IONIZATION ANALYSIS

DENVER, COLO.

TOTAL HYDROCARBON
MAY 1966

DAY OF MONTH	AM 12	12	1 2	2 3	3 4	4 5	5 6	6 7	7 8	8 9	9 10	10 11	11 12	PM 12 1	12	1 2	2 3	3 4	4 5	5 6	6 7	7 8	8 9	9 10	10 11	11 12	DAILY MEAN	NO OF HRS	5 MIN MAX
1*	1.9	2.2	1.9	2.4	2.0	2.1	1.9	1.4	1.5	1.6	1.4	1.5	1.3	1.2	1.2	1.3	1.2	1.3	1.6	2.0	1.7	1.8	1.7	1.6	1.64	24	2.8
2	1.5	1.5	1.5	1.8	2.1	2.2	2.6	2.4			1.7	1.5	1.6	1.6	1.6	1.9	1.8	1.5	1.9	2.1	2.1	1.9	2.0	2.1	1.84	22	3.5
3	1.9	1.7	1.7	1.7	1.9	4.4	4.2	4.3	2.9	2.1	1.8	1.6	1.6	1.7	1.7	1.9	2.0	1.6	2.2	1.8	2.3	2.3	2.6	2.2	2.16	24	5.5
4	1.9	2.7	2.5	1.7	1.7	1.9	2.1	2.5	2.2	2.1	2.0	1.7	1.6	1.6	1.6	2.4	1.8	1.7	1.8	2.3	2.3	2.3	1.8	1.8	1.99	24	4.0
5	1.8	1.6	1.5	1.5	1.7	2.0	2.7	2.8	2.5	2.4	2.0	1.5	1.5	1.7	1.5	1.8	2.0	1.9	1.8	1.9	2.0	1.8	1.9	1.8	1.89	24	4.1
6	1.9	1.8	1.9	1.7	1.6	1.7	2.4	2.2	1.9	1.9	1.6	1.7	1.6	2.0	2.0	2.2	2.4	1.5	1.9	2.7	3.3	2.5	2.5	2.2	2.03	24	4.2
7*	1.6	1.7	1.7	1.7	1.8	2.0	2.2	2.6	2.1	2.1	1.5	1.7	1.4	1.5	1.4	1.4	1.6	1.6	1.8	2.6	2.7	2.5	3.1	2.7	1.95	24	4.5
8*	1.7	2.4	2.4	3.1	1.9	1.9	1.6	1.3	1.5	1.4	1.7	1.6	1.6	1.7	1.7	1.7	1.7	1.7	1.8	1.8	1.6	1.5	1.4	1.4	1.74	24	3.9
9	1.4	1.3	1.3	1.4	1.4	1.8	2.9	3.4		2.2	2.3	2.5	2.5	2.9	3.5	4.2	2.8	2.0	1.8	1.8	2.0	1.8	1.8	1.6	2.20	23	4.8
10	1.6	1.7	1.4	1.4	2.7	2.6	3.9	3.5	2.2	1.9	2.0	1.5	1.5	1.5	1.6	1.7	1.7	1.5	1.4	1.6	1.6	1.6	1.2	1.5	1.84	24	5.8
11	1.1	1.2	1.2	1.2	1.3	1.6	2.7	2.5	1.8	1.7	1.9	1.9	1.8	1.9	1.9	2.6	2.3	2.0	1.8	1.7	1.9	1.7	1.5	1.5	1.77	24	3.8
12	1.4	1.4	1.4	1.5	1.5	1.8	2.6	2.3	1.9	2.0	2.2	1.9	1.6	2.0	1.9	2.5	2.1	1.8	1.8	1.8	2.0	2.0	1.9	1.6	1.86	24	3.9
13	1.7	1.8	1.6	1.6	1.7	1.7	2.6	2.4	2.3	2.0	1.7	1.6	2.1	2.1	2.3	2.6	1.7	1.6	1.8	2.8	2.4	2.4	2.0	2.5	2.01	24	3.6
14*	2.6	2.3	1.8	1.6	1.5	1.6	1.6	1.7	1.7	1.6	1.6	1.5	1.5	1.5	1.5	1.4	1.4	1.4	1.5	1.6	1.9	2.2	2.3	2.4	1.72	24	3.7
15*	2.2	2.3	2.3	1.9	2.3	3.8	2.1	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.5	1.6	1.5	2.0	2.8	2.8	2.5	2.1	2.1	1.95	24	4.9
16	1.9	1.6	1.6	1.6	1.7	1.6	2.3	2.3		1.9	1.9	1.5	1.8	1.9	2.0	2.1	2.0	1.5	1.6	1.9	2.1	2.2	1.9	2.3	1.86	23	3.6
17	2.2	1.9	3.3	2.1	2.2	2.2	2.9	4.2	2.2	2.2				2.1	2.4	2.2	2.8	2.2	2.0	1.9	1.9	2.0	2.0	1.8	1.7	2.28	22	5.8
18	1.6	1.7	1.9	1.9	1.8	2.4			2.6	2.1	2.3	2.0	1.9	1.9	1.8	2.1	2.1	2.1	2.0	2.0	1.9	1.9	1.7	1.7	1.96	22	3.1
19	1.6	1.6	1.5	1.5	1.7	2.2	2.5	2.2	2.0	2.0	1.9	1.9	1.8	1.8	1.7	2.2	2.0	1.8	1.9	2.3	2.3				1.91	21	3.1
20									2.3	2.6	2.3	2.1	2.0	2.0	2.2	2.9	2.4	1.9	2.1	2.8	3.8	5.5	3.5	2.9	2.68	16	6.9
21*	2.1	2.0	1.6	1.6	1.6	1.8	1.9	1.8	2.3	2.1	2.0	1.9	1.7	1.7	1.5	1.6	1.7	1.7	2.0	1.9	1.8	2.2	2.6	2.8	1.91	24	3.5
22*	2.3	2.1	2.0	1.5	1.7	1.5	1.6	1.3	1.3	1.3	1.4	1.5	1.5	1.4	1.3	1.4	1.5	1.4	1.5	1.5	1.6	2.0	2.1	1.4	1.57	24	3.5
23	1.3	1.3	1.3	1.4	1.4	1.6	2.7	2.1		1.7	1.7	1.6	1.6	1.6	1.6	1.9	1.7	1.5	1.5	1.7	1.6	1.6	1.8	2.2	1.66	23	3.7
24	2.1	2.5	2.6	2.8	3.1	3.8	3.4	3.3	2.6	1.9	1.7	1.8	1.8	1.6	1.6	2.1	1.7	1.6	1.8	2.1	2.2	3.0	2.7	3.1	2.35	24	4.6
25	2.5	1.8	1.8	1.7	1.8	2.4	3.4	3.5	3.1	2.2	2.3	1.9	1.7	1.7	1.9	2.3	2.2	2.0	1.9	2.4	2.7	2.3	3.2	2.8	2.30	24	4.6
26	2.4	3.4	3.0	2.6	1.9	2.3	2.6	3.2	2.9	2.8	2.1	2.0	2.0	2.2	2.1	2.3	2.0	1.6	1.7	1.9	2.1	2.2	2.4	2.0	2.32	24	4.4
27	1.9	1.7	2.0	2.0	3.0	3.7	4.5	4.9	3.2	3.5	2.3	1.7	1.7	1.9	2.0	2.6	2.2	1.8	1.8	2.1	3.3	2.9	2.0	1.7	2.50	24	6.8
28*	2.5	2.1	1.8	2.1	1.9	2.1	2.2	2.3	2.3	2.0	1.6	1.5	1.6	1.5	1.6	1.7	1.5	1.4	1.5	1.9	2.2	2.2	1.9	2.1	1.89	24	3.3
29*	1.7	2.0	1.8	1.7	1.8	1.6	1.6	1.5	1.4	1.8	1.5	1.4	1.5	1.3	1.3	1.4	1.5	1.7	2.1	1.8	1.5	1.5	1.5	1.7	1.59	24	2.6
30	1.5	1.4	1.5	1.6	1.6	1.6	1.6	1.5		1.5	1.5	1.4	1.4	1.3	1.3	1.3	1.5	1.4	1.7	1.9	1.5	1.5	1.9	1.9	1.53	23	2.7
31	1.6	1.8	1.8	1.7	2.0	2.2	3.0	3.0	2.7	2.4	2.2	2.5	2.1	2.5	2.1	2.4	2.6	2.0	1.7	2.0	2.2	2.2	2.7	1.6	2.15	24	4.2
MEAN	1.8	1.9	1.9	1.8	1.9	2.1	2.6	2.5	2.2	2.0	1.8	1.7	1.7	1.8	1.8	2.1	1.9	1.7	1.8	2.0	2.2	2.2	2.1	2.0	1.96		
NO	30	30	30	30	30	30	29	29	26	30	30	30	31	31	31	31	31	31	31	31	31	30	30	30		723	
MAX	2.6	3.4	3.3	3.1	3.1	3.8	4.5	4.9	3.2	3.5	2.3	2.5	2.5	2.9	3.5	4.2	2.8	2.1	2.2	2.8	3.8	5.5	3.5	3.1	2.68		6.9

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CONCENTRATION IN PPM

FLAME IONIZATION ANALYSIS

DENVER, COLO.

TOTAL HYDROCARBON
JUNE 1966

AY OF MONTH	AM 12-1	AM 1-2	AM 2-3	AM 3-4	AM 4-5	AM 5-6	AM 6-7	AM 7-8	AM 8-9	AM 9-10	AM 10-11	AM 11-12	PM 12-1	PM 1-2	PM 2-3	PM 3-4	PM 4-5	PM 5-6	PM 6-7	PM 7-8	PM 8-9	PM 9-10	PM 10-11	PM 11-12	DAILY MEAN	NO. OF HRS.	5 MIN. MAX
1	1.6	1.5	1.5	1.6	1.7	1.9	2.3	2.3	1.9	1.8	1.7	1.7	1.8	2.1	2.1	2.6	2.3	1.8							1.88	18	3.3
2										2.4	2.2	1.9	1.7	1.9	1.8	2.1	2.2	2.1	2.2	1.9	2.5	3.6	3.0	2.7	2.27	15	5.4
3	2.9	2.1	2.0	1.9	2.3	2.1	3.0	3.5	4.9	3.4	2.4	1.9	2.1	1.8	1.9	2.1	2.6	2.0	2.1	1.6	2.6	2.5	3.0	2.8	2.38	24	5.2
4*	2.9	2.9	2.6	2.0	1.9	2.4	2.4	2.0	1.7	2.3	1.9	1.8	1.6	1.5	1.6	2.0	2.1	2.0	2.2	3.2	2.6	2.3	1.9	1.8	2.14	24	5.0
5*	1.7	1.9	1.6	1.8	1.6	1.6	1.5	1.7	1.7	1.7	1.6	1.6	1.6	1.6	1.5	1.6	1.6	1.8	1.7	1.8	1.8	1.9	1.7	1.7	1.66	24	2.6
6	1.7	1.7	1.8	1.7	1.9	2.1	3.2	3.1		2.0	1.8	1.7	1.9	1.9	1.9	2.2	2.0	1.9	1.8	2.1	2.0	2.2	2.5	2.2	2.04	23	3.9
7	2.1	2.1	1.8	1.9	2.1	2.5	4.1	3.2	2.6	2.3	2.4	2.3	2.3	2.3	2.5	2.7	2.2	1.8	1.8	1.9	1.7	1.6	1.5	1.5	2.21	24	4.7
8	1.5	1.5	1.6	1.7	1.8	1.9	3.4	3.4	3.1	2.9	2.8	2.4	2.8	2.9	2.8	3.8	3.1	2.6	2.3	2.1	1.9	1.9	1.8	1.8	2.39	24	5.8
9	1.6	1.5	1.6	1.6	1.7	2.3	4.1	4.5	4.2	3.1	2.9	2.8	2.5	2.5	2.7	3.9	4.1	3.2	2.7	3.0	2.7	2.4	1.9	1.7	2.69	24	5.6
10	1.7	1.7	1.6	1.6	1.6	2.1	5.9	4.9	2.0	2.3	2.1	1.9	2.4	2.4	2.3	2.8	2.8	2.2	2.4	2.9	4.3	4.5	5.1	3.3	2.78	24	8.0
11*	2.3	2.1	2.0	1.7	2.8	4.6	2.8	2.2	2.1	2.1	2.1	1.8	2.1	2.1	1.9	2.0	1.9	1.9	2.0	2.3	2.4	2.4	2.9	2.8	2.20	24	4.4
12*	1.9	2.1	1.9	2.0	2.1	1.8	1.4	1.3	1.3	1.4	1.5	1.5	1.6	1.6	1.6	1.6	1.7	2.1	2.0	2.1	1.9	2.0	2.1	2.3	1.77	24	3.6
13	2.1	2.1	1.9	2.0	2.8	3.8	3.0	2.5		1.9	1.7	1.7	1.9	1.8	1.9	2.2	2.1	1.9	2.2	2.4	2.5	2.9	2.7	2.9	2.29	23	5.3
14	2.3	2.0	2.4	2.0	2.2	2.8	3.5	2.9	1.8	1.9	2.0	1.7	1.7	1.9	1.8	2.2	1.7	1.5	1.6	1.8	2.4	2.7	2.5	3.4	2.18	24	4.7
15	2.4	2.4	2.1	2.7	3.7	2.1	2.2	1.7	1.7	1.7	1.7	1.7	1.7	1.8	2.0	2.3	2.3	2.3	1.9	2.3	2.0	1.8	1.8	1.8	2.08	24	6.3
16	1.7	1.7	1.6	1.6	1.9	2.1	3.1	3.1	3.4	3.1	3.2	2.9	2.9	2.4	2.4	2.7	3.2	2.4	2.4	3.1	2.6	2.3	2.5	2.6	2.54	24	4.7
17	1.8	1.6	1.7	2.0	2.1	2.4	3.8	3.7	2.8	3.2	2.4	1.7	2.6	2.1	2.3	2.9	2.8	2.1	2.4	3.2	2.5	2.2	2.3	2.0	2.43	24	5.6
18*	1.8	2.5	1.8	2.1	2.0	2.0	2.3	1.4	2.1	2.3	1.4	1.3	1.2	1.1	1.6	1.7	1.7	1.1	1.2	1.5	1.8	1.9	2.1	2.8	1.77	24	3.6
19*	2.2	1.8	1.5	1.6	1.6	1.5	1.2	1.0	1.0	1.0	0.9	0.9	0.8	0.7	0.9	1.0	1.0	1.2	1.2	1.4	1.3	1.4	1.5	1.5	1.23	24	2.7
20	1.3	1.2	1.2	1.2	1.3	1.5	1.7	2.0	1.3		1.8	2.3	2.0	2.2	1.9	2.7	2.0	1.7	1.7	2.3	3.2	2.4	2.3	1.8	1.86	23	4.1
21	2.0	2.1	2.8	2.1	2.9	3.4	2.7	2.4	2.4	2.5	2.1	1.8	1.5	1.7	2.0	2.6	2.0	1.7	1.6	1.8	1.7	2.2	2.0	1.9	2.15	24	4.4
22	1.7	1.7	1.6	1.5	1.8	1.9	2.2	2.1	1.8	1.6	1.6	1.6	1.6	1.7	1.9	3.0	3.1	3.0	2.1	3.0	2.6	1.5	1.5	1.4	1.97	24	4.7
23	1.8	1.8	2.5	2.0	2.0	2.0	1.9	1.6	1.5	1.5	1.4	1.5	1.9	1.6	1.5	1.7	1.5	1.4	1.4	1.8	1.8	3.0	3.6	3.5	1.90	24	4.9
24	2.0	1.5	1.4	1.6	1.5	1.9	3.1	2.6	2.6	2.2	2.2	2.1	1.6	1.7	1.8	2.1	2.1	1.7	1.7	2.1	2.4	3.5	4.2	2.9	2.18	24	5.1
25*	2.1	2.2	1.4	1.4	1.7	1.9	1.4	1.2	1.5	1.5	1.4	1.5	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.7	1.7	1.8	1.8	1.9	1.57	24	3.0
26*	2.0	2.4	1.7	1.6	2.1	2.9	2.2	1.5	1.5	1.5	1.5	1.5	1.5	1.6	1.6	1.5	1.7	1.6	1.8	1.7	1.5	1.8	1.5	1.6	1.73	24	3.4
27	1.3	2.8	2.5	1.9	2.0	2.4	3.2	2.9	2.5	2.3		2.1	2.0	2.1	1.8	3.0	2.3	1.5	1.8	1.9	2.3	2.7	2.6	2.0	2.25	23	5.2
28	1.7	1.4	1.5	1.3	1.7	2.1	3.7	3.4	2.5	2.4	2.4	1.8	1.6	1.8	1.7	1.9	1.8	1.5	1.6	1.7	1.7	1.8	2.0	2.1	1.94	24	5.1
29	2.6	2.3	1.9	2.6	2.8	2.4	3.5	3.8	2.4	2.5	2.1	1.6	1.6	1.6	1.6	1.9	1.6	1.5	1.7	2.1	1.7	2.2	2.5	2.3	2.19	24	4.9
30	2.0	3.0	2.9	2.3	2.3	2.1	3.1	3.8	2.6	2.6	2.0	1.8	2.1	2.3	2.3	2.8	2.4	2.1	1.5	1.6	1.6	1.6	1.5	1.4	2.22	24	4.8
MEAN	2.0	2.0	1.9	1.8	2.1	2.2	2.8	2.6	2.2	2.2	2.0	1.8	1.9	1.9	1.9	2.3	2.2	1.9	1.9	2.1	2.2	2.3	2.3	2.2	2.10		
NO.	29	29	29	29	29	29	29	29	27	29	29	30	30	30	30	30	30	30	29	29	29	29	29	29		701	
MAX	2.9	3.0	2.9	2.7	3.7	3.8	5.9	4.9	4.2	3.4	3.2	2.9	2.9	2.9	2.8	3.9	4.1	3.2	2.7	3.2	4.3	4.5	5.1	3.5	2.78		8.0

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CONCENTRATION IN PPM

FLAME IONIZATION ANALYSIS

TOTAL HYDROCARBON
JULY 1966

DAY OF MONTH	AM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	PM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5 MIN MAX
1	1.5	1.5	1.5	1.4	1.6	1.8	2.7	2.8	3.0	2.1	2.2	2.0	2.3	2.4	2.0	2.7	2.0	1.7	1.9	1.8	1.7	2.1	1.8	1.7	2.00	24	5.4
2*	1.6	2.0	1.6	2.0	1.8	1.8	1.9	1.8	1.7	1.5	1.6	1.4	1.4	1.3	1.3	1.3	1.3	1.6	1.8	1.9	2.1	2.2	1.7	3.5	1.74	24	5.1
3*	2.2	2.1	2.2	1.4	1.2	1.3	1.4	1.5	1.5	1.7	1.6	1.2	1.2	1.1	1.1	1.1	1.1	1.3	1.6	2.3	1.8	2.5	2.4	2.4	1.69	24	3.4
4	1.7	1.3	1.4	1.3	1.4	1.3	1.4	1.3	1.3			1.2	1.1	1.1	1.1	1.1	1.4	1.6	1.5	2.1	3.2	2.1	2.4	3.3	1.61	22	5.2
5	2.5	2.6	1.6	1.4	1.9	2.0	3.1	3.7	3.0	2.2	1.5	1.5	1.6	1.7	1.8	2.2	2.2	2.0	1.8	1.6	1.9	2.8	2.2	2.8	2.14	24	4.5
6	2.7	1.9	1.7	1.6	2.0	3.0	3.1	2.6	2.8	2.0	1.9	1.9	2.2	2.0	2.1	2.3	2.1	1.7	2.0	2.6	2.2	1.9	1.4	1.9	2.13	24	5.2
7	1.2	1.2	1.5	1.5	1.8	1.9	2.2	1.9	2.2	2.2	2.5	2.7	2.2	1.9	1.9	2.0	1.7	1.4	1.6	2.3	2.9	3.0	1.5	1.7	1.95	24	3.9
8	1.4	1.6	1.4	1.5	1.5	2.5	4.4	4.5	2.2	1.8	1.7	1.4	1.8	1.7	2.3	2.6	2.2	1.7	2.3	2.8	3.1	5.0	3.3	4.6	2.45	24	6.9
9*	3.8	2.7	1.6	1.6	1.8	2.4	2.3	2.3	2.2	2.1	2.0	1.5	1.4	1.3	1.2	1.2	1.8	1.4	1.5	1.8	1.4	1.4	1.4	1.4	1.76	24	4.2
10*	1.4	1.6	1.4	1.3	1.5	1.5	1.4	1.3	1.2	1.2	1.3	1.3	1.2	1.2	1.3	1.6	1.3	1.7	2.6	2.9	2.4	2.4	2.9	3.2	1.69	24	3.9
11	2.1	2.1	1.5	1.5	1.7	1.9	2.8	3.3	2.6	2.3	1.9	1.7	2.1	1.6	1.8	2.3	2.2	2.0	1.5	1.7	1.7	1.9	1.9	1.8	1.99	24	4.1
12	1.6	1.4	1.3	1.6	2.0	1.8	3.2	3.1	1.9		1.4	1.4	1.8	1.6	1.9	2.0	1.8	1.4	1.6	1.6	2.3	1.8	1.7	1.5	1.80	23	4.1
13	1.5	1.7	1.8	1.6	1.8				2.7	2.3	1.8	1.7	1.8	1.5	1.8	2.4	2.0	1.5	1.4	1.4	1.6	1.7	2.0	1.6	1.77	21	3.1
14	1.9	1.9	1.5	1.9	2.0	2.2	4.2	3.2	2.2	1.8	1.7	1.6	1.7	2.1	2.2	1.7	1.4	1.5	1.5	1.9	2.0	2.0	2.5	2.4	2.04	24	7.3
15	1.7	1.5	1.4	1.6	1.6	1.9	2.4	2.6	3.1	2.5	2.0	1.7	1.7	1.7	1.4	1.7	1.9	1.6	1.5	1.8	1.9	2.0	1.9	1.8	1.86	24	5.1
16*	1.9	1.6	1.3	1.5	1.5	2.2	3.1	2.1	1.8	1.8	1.5	1.5	1.2	1.1	1.1	1.4	1.6	1.4	1.6	1.7	1.6	1.5	1.4	1.4	1.60	24	4.6
17*	1.4	1.5	1.5	1.4	1.9	2.2	2.3	1.4	1.2	1.4	1.3	1.3	1.2	1.3	1.4	1.5	1.5	1.6	1.6	1.9	1.5	1.4	1.4	1.3	1.50	24	2.9
18	1.3	1.4	1.4	1.6	1.5	1.9	3.0	2.7	2.4		2.7	1.5	1.8	1.8	1.8	2.3	2.1	2.1	1.8	2.1	2.8	2.1	2.2	1.9	2.00	23	5.7
19	1.7	1.4	1.4	1.8	2.0	3.1	3.4	2.6	2.2	1.8	1.7	1.5	1.4	1.7	2.3	2.5	2.8	1.9	1.6	1.7	1.8	1.6	1.6	1.4	1.95	24	4.2
20	1.5	1.7	1.5	2.4	2.9	3.4	2.5	3.2	3.1	2.7	2.1	2.0	1.9	2.1	1.8	2.4	2.3	1.5	1.4	1.2	1.4	1.6	2.5	2.0	2.12	24	4.5
21	1.8	1.9	1.6	1.5	1.7	2.3	4.4	3.1	2.5	2.2	1.9	1.9	1.9	1.9	2.1	2.1	2.3	1.6	1.6	2.4	2.2	2.4	2.5	2.1	2.15	24	6.1
22	1.9	1.3	1.2	1.3	1.4	1.8	3.0	2.7	2.6	2.0	1.8	1.7	1.7	1.6	2.3	2.8	2.2	1.8	1.9	2.5	2.2	2.4	2.5	1.9	2.01	24	4.3
23*	1.8	1.8	1.4	1.6	2.0	2.0	2.2	2.5	1.8	1.6	1.8	1.6	1.5	1.3	1.8	1.7	1.5	1.8	2.4	2.6	3.1	3.8	3.4	1.4	2.01	24	5.6
24*	1.4	1.8	1.7	1.5	1.6	1.9	2.1	2.4	1.5	1.6	1.4	1.3	1.3	1.2	1.4	1.6	1.4	1.8	1.8	2.0	2.0	1.7	1.5	1.6	1.63	24	4.6
25	1.4	1.7	2.6	2.8	2.6	3.2	3.9	3.3	3.0	2.4		1.7	1.7	1.6	1.6	2.6	2.4	1.8	1.6	1.9	1.8	1.8	1.9	1.7	2.20	23	5.0
26	1.7	1.5	1.3	1.7	1.7	2.2	3.1	2.8	2.0	2.1	1.9	1.7	1.7	1.5	1.4	2.1	2.4	2.2	1.5	1.6	1.9	2.0	1.9	2.0	1.90	24	3.6
27	1.7	1.7	2.0	1.8	2.0	2.2	2.9	2.3	2.3	2.2	1.9	1.6	1.5	2.0	2.0	2.6	1.9	1.6	1.7	2.0	1.9	2.4	2.7	1.6	2.01	24	3.9
28	1.7	1.7	1.9	1.8	2.2	2.2	2.9	2.3	1.9	2.0	1.7	1.5	1.5	1.9	2.3	2.2	1.9	1.8	1.9	2.1	2.3	1.8	1.6	1.4	1.93	24	3.8
29	1.4	1.3	1.2	1.3	1.4	1.8	3.1	2.4	2.0	1.9	1.7	1.6	1.8	1.6	1.5	1.9	1.7	1.6	1.6	1.4	1.4	1.6	1.9	1.7	1.68	24	3.5
30*	1.9	1.8	1.7	2.3	3.0	3.7	4.1	2.4	2.4	2.7	2.7	2.0	1.5	1.3				1.4	1.4	1.6	1.7	1.8	1.7	1.6	2.12	21	6.8
31*	1.5	1.6	1.4	1.4	1.5	1.5	2.0	1.6	1.3	1.5	1.6	1.3	1.3	1.2	1.4	1.7	1.7	1.6	2.0	2.1	1.6	1.8	1.7	1.7	1.58	24	5.3
MEAN	1.8	1.7	1.6	1.6	1.8	2.2	2.8	2.5	2.2	2.0	1.8	1.6	1.6	1.6	1.7	2.0	1.8	1.7	1.7	1.9	2.0	2.1	2.0	2.0	1.90		
NO	31	31	31	31	31	30	30	30	31	28	29	31	31	31	30	30	30	31	31	31	31	31	31	31		733	
MAX	3.8	2.7	2.6	2.8	3.0	3.7	4.4	4.5	3.1	2.7	2.7	2.7	2.3	2.4	2.3	2.8	2.8	2.2	2.6	2.9	3.2	5.0	3.4	4.6	2.45		7.3

* Indicates Saturday or Sunday
Local standard time used

TABULATED: THU., MAY 4, 1967

CONTINUOUS AIR MONITORING PROGRAM

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

DENVER, COLO.

CONCENTRATION IN PPM

FLAME IONIZATION ANALYSIS

TOTAL HYDROCARBON
AUG. 1966

DAY OF MONTH	AM 12	AM 1	AM 2	AM 3	AM 4	AM 5	AM 6	AM 7	AM 8	AM 9	AM 10	AM 11	AM 12	PM 1	PM 2	PM 3	PM 4	PM 5	PM 6	PM 7	PM 8	PM 9	PM 10	PM 11	PM 12	DAILY MEAN	NO. OF HRS	5 MIN. MAX
1	1.7	1.4	1.4	1.5	1.7	3.0	3.7	3.1	2.0				2.3	2.0	2.0	2.2	2.8	2.5	2.3	1.9	2.1	2.0	2.0	2.6	1.9	2.17	22	4.8
2	1.7	1.6	2.0	2.2	2.3	2.5	2.8	2.4	2.1	2.0	2.0	1.7		1.6	1.8	2.8	2.6	2.2	2.0	2.2	2.0	1.9	2.3	1.7	1.6	2.07	24	5.0
3	1.7	1.7	1.5							2.4	2.4	2.1		1.9	2.0	1.8	2.7	2.4	1.7	1.6	1.7	2.0	2.1	2.0	1.7	1.96	18	3.7
4	1.6	1.3	1.6	1.5	1.7	2.7	4.4	3.2	1.9	1.9	1.7	1.8		1.9	2.0	1.9	2.4	2.0	1.6	1.6	2.1	1.9	1.6	1.6	1.4	1.96	24	5.6
5	2.1	1.8	1.7	1.9	2.7	3.4	4.3	2.8	2.3	1.8	1.8	1.8		1.9	2.0	2.1	2.2	2.1	1.8	2.2	2.1	1.7	2.0	2.0	1.8	2.14	24	5.0
6*	1.9	2.3	1.6	1.8	2.6	3.0	3.1	3.0		1.7	1.5	1.5		1.6	1.4	1.4	1.5	1.6	1.4	2.0	2.3	2.7	2.1	1.9	2.0	1.97	23	4.2
7*	2.0	2.0	1.5	1.4	1.4	1.5			1.8	2.1	1.6	1.5	1.4	1.4	1.4	1.3	1.4	1.4	1.3	1.5	1.5	1.3	1.5	1.4	1.4	1.52	23	3.2
8	1.3	1.2	1.3	1.3	1.3	1.6	2.4	2.6	2.6			2.4	3.2	2.2	2.5	2.5	3.0	2.7	2.2	2.2	1.8	1.7	1.5	1.6	1.6	2.02	23	7.3
9	1.8	1.5	1.4	1.7	1.5	1.7	2.5	2.4	2.3	2.1	2.0	1.9		1.8	2.0	2.2	2.3	1.9	1.9	1.9	2.0	2.0	1.4	1.5		1.88	23	3.2
10									3.3	2.4	2.1	1.9		1.9	1.6	1.6	1.9	1.8	1.5	1.6	1.9	1.7	1.7	1.7	1.7	1.88	16	5.0
11																												
12																												
13*									1.4	1.6	1.4	1.3		1.3	1.4	1.4	1.6	1.7	1.7	1.7	1.9	1.7	1.5	1.4	1.6	1.52	20	2.1
14*	1.5	1.7	1.4	1.4					2.2	2.0	1.9	1.8			2.0	1.9	2.4	2.1	1.8	1.8	1.9	2.2	2.0	2.2	2.1	2.08	16	3.6
15								2.9																				
16	2.1	1.9	2.7	4.5	2.4	2.7	3.6	3.4	2.7	2.8	2.3	1.8		1.7	1.7	1.8	2.3	2.1	1.9	1.9	2.3	2.0	2.2	1.8	1.7	2.33	24	6.4
17	1.7	1.7	1.8	1.9	2.1	2.8	4.5	5.0	3.9	3.2	2.2	2.1		1.9	1.9	2.0	2.5	2.2	2.0	1.9	2.0	2.1	2.1	2.0	2.0	2.39	24	6.2
18	3.2	3.9	3.3	2.9	2.1	2.1	4.0	3.5	2.6	2.3	2.1	2.2		2.0	1.9	2.0	2.4	2.9	2.2	2.3	2.8	2.2	2.3	2.0	2.2	2.55	24	5.8
19	2.1	2.3	2.4	3.6	3.3	3.4	3.5		3.8	2.4	2.0	1.9		1.8	2.2	3.3	3.3	2.9	2.1	2.5	3.0	2.2	1.9	2.1	2.4	2.62	23	5.1
20*	2.6	2.3	1.8	1.7						1.7	1.8	1.6		1.8	2.3	1.7	1.8	1.9	1.9	1.9	2.1	2.7	3.7	3.5	2.6	2.17	19	4.9
21*	1.8	1.7	1.5	1.4	1.4	1.5	1.6	1.6	1.5	1.5	1.5	1.5		1.6	1.5	1.4	1.5	1.6	1.7	2.0	2.0	1.7	1.8	1.6	1.8	1.59	24	2.5
22	1.7	1.5	1.4	1.5	1.7	2.2	2.7	3.0	2.5	2.5	2.5	2.3			1.9	2.2	2.5	2.1	1.7	1.9	2.1	1.8	2.0	2.0	2.2	2.07	23	3.4
23	2.7	1.9	1.5	1.6	1.7	2.3	2.9	2.7	2.4	2.1	2.1	2.0		2.1	2.0	2.2	2.4	2.5	2.0	2.1	2.5	1.6	1.8	2.1	3.1	2.17	24	5.0
24	3.2	1.8	2.3	2.4	2.0	3.4	4.5	3.6	3.0	2.5	2.2	2.1		1.9	1.9	1.7	2.0	1.7	1.6	2.2	2.9	2.4	2.8	3.2	3.2	2.50	24	6.2
25	3.0	2.3	2.1	3.4	4.1	4.0	4.4	4.6	3.4	2.8	2.2	1.9		1.7	1.7	1.8	2.1	1.9	1.7	2.7	2.9	2.9	2.8	2.6	2.5	2.71	24	5.9
26	2.5	2.8	2.1	2.0	2.2	2.6	3.2	2.8	4.7	2.2	1.9	1.7		1.6	2.1	1.9	2.2	2.2	1.9	2.0	1.8	1.8	1.6	2.2	2.8	2.19	24	4.3
27*	2.1	1.8	1.8	2.9	4.1	4.9	3.5	3.3	3.0	2.1	1.9	1.7		2.0	1.7	1.7	1.8	1.9	2.0	2.4	2.3	2.3	3.3	1.9	2.0	2.41	24	5.9
28*	2.3	3.7	2.7	2.8	2.0	2.2	2.2	1.9	1.8	1.7	1.6	1.6		1.6	1.5	1.6	1.5	1.7	1.9	1.8	2.0	2.0	2.2	2.1	2.0	2.00	24	4.7
29	1.9	2.7	2.2			2.8	4.6	4.0	2.8	2.4	2.2	2.1		1.8	1.9	1.9	2.2	2.1	1.8	1.8	1.9	1.9	2.1	1.7	1.9	2.27	22	5.7
30																												
31																												
MEAN	2.1	2.0	1.9	2.1	2.2	2.7	3.4	3.0	2.5	2.1	2.0	1.9		1.8	1.9	1.9	2.2	2.1	1.8	2.0	2.1	2.0	2.1	2.0	2.0	2.13		
NO.	24	24	24	22	20	21	20	21	23	24	25	26		24	26	26	26	26	26	26	26	26	26	26	25		583	
MAX	3.2	3.9	3.3	4.5	4.1	4.9	4.6	5.0	3.9	3.2	2.5	3.2		2.2	2.5	3.3	3.3	2.9	2.3	2.7	3.0	2.9	3.7	3.5	3.2	2.71		7.3

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Local standard time used

TABULATED: THU., MAY 4, 1967

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

DENVER, COLO.

CONCENTRATION IN PPM

FLAME IONIZATION ANALYSIS

TOTAL HYDROCARBON
SEPT. 1966

DAY OF MONTH	A.M. 12	12	1	1 4	4 5	5 6	6 7	7 8	8 9	9 10	10 11	11 12	P.M. 12 1	12	2 3	3 4	4 5	5 6	6 7	7 8	8 9	9 10	10 11	11 12	DAILY MEAN	NO OF HRS	5 MIN MAX
1																											
2		1.5	1.5	1.6	1.6	2.1	3.4	2.8	2.6	2.0	1.9	2.4	2.2	2.0	1.8	2.1	2.2	1.7	1.8	2.2	2.5	2.9	3.4	3.4	2.24	23	4.8
3*	2.6	2.2	1.9	1.5	1.6	1.7	2.2	1.9	1.8	1.9	1.7	1.8	1.9	1.7	1.5	1.5	1.5	1.6	1.8	2.5	2.8	3.7	3.1	2.2	2.02	24	4.2
4*	1.9											1.4	1.4	1.4	1.3	1.4	1.5	1.6	2.7	4.2	4.2	3.1	2.0	1.6	2.11	14	4.7
5	1.5	1.4	1.5	1.5	1.6	1.9	1.8	1.8	1.8	1.6	1.5	1.4	1.4	1.4	1.4	1.4	1.4	1.7	1.7	2.1	2.1	3.1	2.6	2.0	1.72	24	4.1
6	2.1	2.6	1.9							2.5	2.5	2.3	2.2	2.3	1.9	2.3	2.0	2.0	2.3	2.0	2.1	2.3	2.0	1.7	2.15	18	3.7
7	2.1	2.2	1.7	1.8	1.8	3.4	5.2			1.9	1.8	1.8	1.8	1.6	1.9	2.7	2.5	2.1	2.3	2.6	2.9	2.2	2.2	1.7	2.26	22	7.5
8																											
9												2.0	2.0	1.9	1.8	2.5	2.3	1.6	2.3	2.0	1.9	2.2	2.5	1.9	2.06	13	3.3
10*	1.6	1.7	1.7	1.9	2.3	2.5	2.7			1.9	1.9	1.8	1.7	1.9	1.8	1.8	1.8	1.6	1.9	2.0	2.0	2.0	1.9	1.9	1.91	22	3.1
11*	1.8	1.6	1.5	1.4	1.4	1.5							1.4	1.4	1.6	2.0	1.7	1.7	1.7	1.5	1.4	1.6	1.5	1.8	1.57	18	2.2
12	1.6	1.6	1.7	2.4	3.1	3.3	5.0	5.5	3.4	3.1	2.2	2.0		1.9	2.6	3.1	2.5	2.3	2.4	2.5	2.2	2.1	2.3		2.66	22	6.1
13			2.8	2.5	2.0				3.8	2.6	2.3	1.9	2.1	2.0	1.9	2.3	2.8	2.5	2.4	2.1	1.7	1.8	1.9	1.7	2.24	19	4.7
14	1.6	1.6	1.5	1.5	1.6	1.7	2.5	2.5			3.1	3.0	2.9	2.7	2.8	3.2	2.6	2.5	2.5	3.1	2.9	2.7	2.2	1.8	2.38	22	9.9
15	1.7	1.8	1.7	1.6	1.8					3.0	2.5	3.1	2.9	3.2	3.1	4.0	3.2	2.6	2.3	2.4	2.1	2.1	2.0	2.0	2.44	20	4.9
16	2.0	2.2	2.1	2.7	3.4	2.8	4.1	3.6	2.8		2.7	2.4	2.4	2.4	2.6	3.5	3.4	3.3	4.7	4.3	4.5	4.4	3.9	4.4	3.23	23	5.9
17*	2.6	2.3	2.7	3.0	4.3	2.9	3.0	3.4	3.8	2.6	2.1	2.0	1.9	1.8	1.8	1.8	1.8	2.0	2.8	3.6	3.9	6.4	5.9	3.9	3.00	24	8.0
18*	2.3	2.2	2.2	1.9	2.1					2.2	2.3	2.0	1.8	1.7	1.6	1.6	1.6	2.1	3.4	3.1	2.6	2.3	2.0	2.0	2.14	20	4.3
19	2.5	2.2	4.0	2.4	2.5	4.2	7.3	4.8	3.0	2.4			2.3	2.2	2.3	2.8	2.6	2.2	2.4	2.6	2.4	2.4	4.0	3.7	3.03	22	8.4
20	2.6	3.9	3.7	4.5	4.1	4.2	5.0	4.9	4.5	4.1	3.3	2.0	2.0	2.2	2.8	2.7	2.8	2.5	2.9	3.1	3.8	4.0	4.7	3.1	3.46	24	6.3
21	2.4	2.6	2.5	2.5	3.0	4.0	6.7	9.6	4.7	2.2	2.1	1.9	2.1	1.9	1.9	2.5	2.5	2.3	4.3	3.9	3.8	4.2	4.0	3.0	3.35	24	12.2
22	3.4	3.7	3.8	2.5	2.8	4.0	4.9	4.6	4.1	3.8	3.3	2.4	2.2	2.3	2.2	2.7	2.6	2.6	3.4	4.5	4.8	6.3	6.5	4.2	3.64	24	8.2
23	3.0	4.1	2.2	2.0	2.0	2.6	3.7	3.9	3.4	2.8	2.6	2.9	2.7	2.1	1.9	2.4	2.9	3.3	3.1	3.0	4.9	4.7	3.5	3.4	3.03	24	6.5
24*	3.7	3.4	2.6	2.0	2.0	2.1	2.4	2.5	2.9	2.9	2.2	1.9	1.8	1.8	1.9	1.7	2.3	2.4	2.4	3.6	4.9	1.8	1.8	1.7	2.43	24	6.1
25*	2.0	2.2	1.8	1.7	3.1	2.1	1.7	2.1	1.9	1.8	2.0	2.0	1.8	1.7	1.7	1.8	1.9	1.8	2.0	2.2	2.2	2.5	1.5	1.5	1.95	24	5.3
26	1.6	2.2	2.3	2.0	1.9	2.3	4.6	3.9	3.2	2.5	2.3	2.4	2.2	2.2	2.1	2.7	2.4	2.1	2.0	2.0	1.8	1.8	1.9	1.7	2.32	24	7.5
27	1.6	1.7	1.5	1.5	1.6	2.3	3.5	3.6	2.5	2.3	2.0	2.0	2.4	2.2	2.4	3.1	2.5	2.1	2.1	2.0	2.0	2.1	1.8	2.5	2.22	24	4.9
28	2.1	2.2	1.9	2.1	2.3	2.6	3.3	3.0	2.5	2.4	2.2	2.3	2.0	1.9	2.2	2.6	2.4	2.8	5.7	8.5	8.1	2.8	4.4	3.9	3.16	24	10.5
29	2.2	1.8	1.6	1.7	1.9	1.8	2.9	3.7	3.1	2.9	3.2	2.3	2.0	2.2	2.0	2.3	3.0	2.0	1.6	1.7	1.7	1.6	1.5	1.5	2.16	24	4.2
30	1.4	1.5	1.5	1.4	1.5	1.6	2.3	3.0	2.6	2.2	2.4	2.5	2.6	2.4	2.3	2.8	2.7	1.9	2.6	2.7	3.1	2.7	2.8	3.2	2.29	24	4.6
MEAN	2.1	2.2	2.1	2.1	2.3	2.6	3.7	3.7	3.1	2.5	2.3	2.1	2.1	2.0	2.0	2.4	2.3	2.2	2.6	2.9	3.0	2.9	2.8	2.5	2.50		
NO	25	25	26	25	25	22	21	19	19	23	24	26	27	28	28	28	28	28	28	28	28	28	28	27		614	
MAX	3.7	4.1	4.0	4.5	4.3	4.2	7.3	9.6	4.7	4.1	3.3	3.1	2.9	3.2	3.1	4.0	3.4	3.3	5.7	8.5	8.1	6.4	6.5	4.4	3.64		12.2

* Indicates Standard or Saving
Local standard time used

TABULATED THU., MAY 4, 1967

CONTINUOUS AIR MONITORING PROGRAM

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

Air Quality Section, Laboratory of [illegible] and Toxicology
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

DENVER, COLO.

CONCENTRATION IN PPM

FLAME IONIZATION ANALYSIS

TOTAL HYDROCARBON
OCT. 1966

DAY OF MONTH	AM 12	1	2	3	4	5	6	7	8	9	10	11	12	PM 12	1	2	3	4	5	6	7	8	9	10	11	12	DAILY MEAN	NO. OF HRS	5 MIN MAX
1*	3.1	2.7	2.4	2.4	2.3	2.4	2.4	2.5	2.3	2.6	2.9	2.3	2.3	[illegible]	1.8	1.8	1.8	2.4	3.2	2.7	4.8	5.3	3.2	3.0	2.7		2.70	24	8.0
2*	2.8	2.3	2.2	2.0	2.8	2.1	2.1	1.9	2.0	1.5	1.3	1.3	[illegible]	[illegible]	1.3	1.4	1.7	2.5	2.4	2.0	1.4	1.4	1.3	1.4			1.81	24	3.7
3	1.5	1.9	1.8	1.7	1.8	1.7	2.4	2.2	2.0	1.9	2.1	2.0	[illegible]	[illegible]	2.3	2.5	2.2	1.9	1.9	2.0	1.7	2.1	2.2	2.0			1.97	24	3.4
4	2.1	2.4	2.0	1.8	1.9	2.4	4.4	4.8	3.0	2.3	2.0	1.8	1.8	1.8	1.8	2.5	2.2	2.3	2.7	2.7	4.1	4.0	3.3	2.5			2.59	24	6.0
5	2.3	2.5	3.5	3.8	2.8	3.2	5.9	4.5	3.8	4.0	3.1	2.4	2.2	2.0	2.3	3.0	3.7	3.8	3.3	4.4	7.8	7.5	3.6	2.7			3.66	24	10.0
6	2.5	2.4	1.8	1.9	2.2	2.5	4.4	4.6	3.7		2.1	1.7	1.7	2.0	2.1	2.7	3.2	4.0	4.7	4.3	3.6	4.3	5.1	5.1			3.14	23	10.9
7	4.3	2.9	2.7	2.4	2.3	2.5	4.2	4.7	3.7	3.3	2.4	2.1	1.9	2.1	2.2	2.7	2.7	2.2	2.8	2.3	2.1	2.5	2.1	2.0			2.70	24	5.8
8*	2.2	2.5	2.2	2.2	2.2	2.0	1.9	2.5	2.5	2.1	1.8	1.5	[illegible]	1.5	1.6	1.6	1.7	1.9	2.1	2.6	2.3	2.9	4.3	3.9			2.21	24	4.8
9*	3.7	3.7	2.3	2.5	2.8	2.2	1.7	1.5	1.5	1.4	1.4	1.4	1.5	1.7	1.7	1.6	1.9	2.3	2.2	2.6	3.5	2.7	2.6	3.7			2.23	24	5.3
10	4.4	2.4	2.1	3.3	3.3	3.3	5.0	4.5	3.4	2.4	1.9	1.9	1.8	1.8	2.0	2.7	2.5	3.3	4.0	3.3	4.6	3.2	4.3	0.3			3.23	24	7.1
11	4.7	4.3	3.9	3.6	3.4	6.0	7.6	8.1	4.4	3.5	2.6	2.1	1.9	2.4	2.2	2.5	3.3	6.1	4.7	4.9	3.4	1.9	2.4	2.6			3.83	24	14.3
12	2.0	2.0	2.0	2.2	2.5	2.8	5.2	5.9	4.8	2.9	2.2	1.8	2.0	1.8	2.3	2.7	2.7	3.1	2.9	3.4	5.5	3.1	3.1	2.6			2.97	24	8.6
13	2.9	2.6	1.9	1.9	2.6	2.6	3.5	3.9	3.1	2.4	2.0	1.9	1.9	2.3	2.5	2.7	2.4	1.9									2.48	18	5.0
14																													
15*																													
16*																													
17																													
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19																													
20																													
21																													
22*																													
23*																													
24									3.6	2.6	2.0	1.9	1.9	1.9	2.0	2.5	2.5	2.8	2.6	2.7	3.3	2.5	2.0	2.1			2.44	16	4.7
25	2.1	2.0	1.7	1.9	2.1	2.3	3.5	4.3	2.7	2.5	2.3	1.9	1.9	1.9	2.1	2.7	3.3	7.2	12.0	8.3	3.7	2.8	2.4	2.3			3.32	24	13.7
26	2.0	2.0	1.9	1.8	3.1	3.4	5.7	6.1	3.3	2.8	2.4	1.9	1.8	1.9	1.9	2.9	3.4	4.2	4.1	5.8	3.8	3.4	2.6	2.6			3.10	24	12.0
27	2.4	2.2	1.9	1.9	1.9	2.3	3.5	4.1	2.9	3.5	2.7	2.3	2.0	2.0		2.3	2.8	2.9	4.4	7.8	8.9	7.2	6.6	4.8			3.60	23	10.9
28	3.7	4.6	3.1	3.2	2.5	2.3	4.1	4.9	5.6	3.3	2.2	2.3	2.3	2.5	2.6	3.0	2.7	2.5	2.4	2.1	2.1	2.2	2.1	2.0			2.92	24	8.1
29*	2.0	1.9	1.9	1.8	1.9	2.0	2.4	2.8	2.6	2.7	3.4	3.1	2.4	2.3	2.3	2.3	3.1	3.7		5.1	3.9	3.2	2.8	2.4			2.67	23	9.8
30*	2.2	1.9	1.8	1.7	1.6	1.6	1.7	2.4	2.1	2.1	2.0	1.5	1.5	1.5	1.5	1.7	1.9	2.1	1.9	2.1	2.2	3.3	2.4	2.6			1.94	24	4.5
31	2.6	2.1	1.9	2.0	2.6	2.6	2.5	3.2	2.3	2.4	2.7	2.7	2.6	2.8	2.7	3.0	4.1	3.6	2.8	2.6	2.2	2.8	2.4	2.3			2.62	24	9.7
MEAN	2.8	2.6	2.2	2.3	2.4	2.6	3.7	4.0	3.1	2.6	2.2	2.0	1.9	1.9	2.0	2.4	2.7	3.2	3.5	3.7	3.8	3.3	3.0	2.9			2.77		
NO.	20	20	20	20	20	20	20	20	21	20	21	21	21	21	20	21	21	21	19	20	20	20	20	20				487	
MAX	4.7	4.6	3.9	3.8	3.4	6.0	7.6	8.1	5.6	4.0	3.4	3.1	2.6	2.8	2.7	3.0	4.1	7.2	12.0	8.3	8.9	7.5	6.6	6.3			3.83		14.3

* Instrument [illegible]
Local std. [illegible] used

TABULATED THU., MAY 4, 1967

B. 65

CONTINUOUS AIR MONITORING PROGRAM

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

DENVER, COLO.

CONCENTRATION IN PPM

FLAME IONIZATION ANALYSIS

TOTAL HYDROCARBON
NOV. 1966

DAY OF MONTH	AM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	PM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS	5 MIN MAX
1																											
2	2.7	2.7	2.8	2.7	2.7	2.5	2.2	2.9	5.8	5.8	2.1	1.9	2.0	2.0	2.0	2.1	2.6		2.8	2.8	2.7	2.2	2.5	4.9	2.83	23	7.9
3																											
4																											
5*																											
6*																											
7																											
8												2.5	2.5	2.6	2.4	2.6	3.0	2.5	1.9	1.8	1.6	1.6	1.6	1.7	2.17	13	3.8
9	1.7	1.7	1.6	1.7	1.7	1.8										3.6	4.0	4.7	5.5	3.8	3.2	2.8	2.6	2.7	2.86	15	6.5
10	3.9	4.6	5.4	5.5	4.4	5.3	3.3								6.4	8.2	12.6	10.5	9.0	2.9	1.6	2.0	2.0	1.8	5.23	17	14.4
11	2.0	2.6	2.9	2.5								2.7	2.4	2.4	3.1	3.2	4.1	3.8	3.2	2.6	2.6	3.1	3.2	3.8	2.93	17	5.6
12*																											
13*																											
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26*																											
27*																											
28											4.6	4.2	3.6		2.5	2.7	4.1	12.0	7.3	10.0	3.8	3.7	3.3	3.1	2.8	4.81	14	16.0
29	2.8	3.8	4.6	5.2	4.8	5.3	6.5	9.3	10.0	7.2	4.1	3.5	2.8	2.6	2.8	2.9	3.3	2.8	2.3	2.0	1.8	1.7	1.7	1.8	3.98	24	14.2
30	1.8	2.0	2.2	2.1	2.8	3.9	4.8	8.3	6.2	3.4	3.0	3.4	3.4	3.0	3.1	3.4	5.2	3.7	3.2	2.9	3.4	3.5	2.9	3.9	3.53	24	11.2
MEAN																											
NO	6	6	6	6	5	5	4	3	3	4	4	6	5	6	7	8	8	7	8	8	8	8	8	8		147	
MAX	3.9	4.6	5.4	5.5	4.8	5.3	6.5	9.3	10.0	7.2	4.2	3.6	3.4	3.0	6.4	8.2	12.6	10.5	10.0	3.8	3.7	3.5	3.2	4.9	5.23		16.0

* Indicates Saturday or Sunday
Local standard time used

TABULATED THU., MAY 4, 1967

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONCENTRATION IN PPM

FLAME IONIZATION ANALYSIS

DENVER, COLO.

TOTAL HYDROCARBON
DEC. 1966

DAY OF MONTH	AM 12-1	AM 1-2	AM 2-3	AM 3-4	AM 4-5	AM 5-6	AM 6-7	AM 7-8	AM 8-9	AM 9-10	AM 10-11	AM 11-12	PM 12-1	PM 1-2	PM 2-3	PM 3-4	PM 4-5	PM 5-6	PM 6-7	PM 7-8	PM 8-9	PM 9-10	PM 10-11	PM 11-12	DAILY MEAN	NO. OF HRS.	5 MIN MAX
1	5.2		1.8	1.8	1.8	1.9	2.4	3.5	3.0	2.7	2.7	3.0	2.9	2.7	2.8	2.8	4.2	3.3	2.5	2.0	1.9	1.9	2.1	2.1	2.64	23	5.8
2	1.8	1.9	1.8	2.1	2.1					5.6	5.1	4.3	3.5	3.2	2.9	4.2	4.8	4.4	3.2	3.3	4.0	4.0	4.9	4.0	3.54	20	7.4
3*																											
4*																											
5																											
6																											
7		1.7	1.7	1.9	2.1	2.0	2.0	3.8	4.0	3.6	2.7	2.4	2.2	2.0	2.5	2.6	3.5	3.2	3.1	2.2	2.1	2.5	2.6	2.2	2.54	23	5.4
8	2.5	2.1	1.7	1.7	1.8	2.0	2.2	3.2	3.9	3.7	2.5	2.0	2.0	2.0	2.3	2.5	4.5	3.8	2.1	1.8	2.1	2.0	1.7	1.6	2.38	24	5.9
9	1.6	1.6	1.6	1.7	1.6	1.8	2.2	2.9	3.1	2.9	3.2	2.3	2.3	2.1	2.3	2.5	3.3	3.8	2.7	2.9	2.3	2.7	3.2	2.8	2.47	24	4.4
10*	2.5	2.0	2.5	2.7	2.4	2.1	2.6	5.0	4.0	5.2	4.1	3.5	3.5	3.7	2.5	2.3	3.2	3.5	4.1	3.2	5.1	4.4	3.7	3.9	3.39	24	9.0
11*	4.2	4.8	6.0	4.3	5.4	4.3	3.7	2.5	2.4	2.0	2.0	1.8	1.8	1.8	2.0	2.1	2.4	3.7	4.5	5.2	3.4	2.5	2.4	2.2	3.22	24	7.4
12	2.1	1.9	1.8	1.9	1.9	1.9	2.5	3.0	3.4	3.0	2.5	2.6	2.2	2.1	2.7	3.0	6.3	6.5	8.2	7.9	3.9	3.6	2.8	2.8	3.33	24	11.6
13	2.7	3.0	2.1	1.8	1.9	2.0	2.5	3.9	3.1	3.1	3.6	2.7	2.0	2.2	2.3	2.7	6.0	6.8	3.6	3.6	2.9	3.0	2.6	1.8	2.98	24	9.6
14	1.7	1.6	1.6	1.6	1.8	3.2	3.6	4.3	4.3	4.3	3.3	3.7	3.6	4.1	2.4	2.7	3.4	3.0	3.9	2.6	2.1	2.0	2.0	2.4	2.88	24	6.1
15	2.6	2.3	1.8	2.0	1.9	2.4	3.3	3.6	3.7	2.9	2.3	2.1	2.0	2.2	2.2	2.5	4.2	4.7	4.1	4.3	3.7	3.5	2.8	2.5	2.88	24	5.8
16	2.0	1.9	1.9	1.8	1.6	1.6	1.8	2.6	2.7	2.8	2.8	3.2	2.6	2.7	3.0										2.34	15	4.4
17*																											
18*																											
19		1.6	1.6	1.7							3.0	2.8	2.5	2.6	2.0	2.3	3.1	2.6	3.6	4.3	4.0	3.6	2.6	2.4	2.71	17	6.0
20	1.9	1.7	1.7	1.5	1.6	2.0	4.5	7.2	9.4	4.8	5.4	2.7	2.1	1.7	2.3	2.9	6.9	5.8	3.8	3.3	2.7	2.4	2.4	3.0	3.47	24	16.9
21	2.2	2.1	2.2	1.9	2.6	3.0	3.0	5.2	4.3	6.0	3.5	3.1	2.8	2.7	2.8	3.6	5.3	4.3	3.4	5.2	4.8	3.6	2.0	1.7	3.35	24	7.7
22	1.3	1.4	1.3	1.3	1.5	2.1	2.6	5.8	3.0		2.2	2.3	1.9	2.0	2.2	2.8	3.3	2.7	2.1	1.9	1.9	1.8	1.8	1.7	2.21	23	8.7
23	1.8	1.8	1.7	1.8	1.7	1.8	1.9	2.8	2.4	2.5	2.7	2.2	2.0	2.2	2.2	2.4	3.4	4.3	4.6	6.1	5.7	7.5	5.9	3.5	3.10	24	10.7
24*	7.4	4.3	2.8	1.8	1.5	1.5	1.6	1.7	2.7	4.4	3.8	4.5	3.7	3.3	2.9	3.1	3.4	3.4	2.4	2.0	2.1	2.2	2.2	2.3	2.95	24	11.0
25*	2.0	2.1	2.1	2.0	2.1	2.1	2.8	3.8	1.9	1.8	2.1	2.8	1.9	1.8	1.7	1.7	2.0	3.0	4.2	4.7	4.3	4.6	3.7	3.3	2.68	24	5.6
26	2.9	2.8	2.5	2.4	2.3	3.8	4.8	3.5	3.4	2.9	2.5	2.1	2.1	2.5	2.0	2.2	2.7	2.1	1.9	1.9	1.9	1.9	1.8	1.7	2.51	24	5.5
27	1.7	1.5	1.6	1.6	1.6	1.8	2.3	3.0	2.9	2.6	2.1	2.1	2.0	2.0	2.1	2.4	3.4	2.8	2.3	1.9	2.1	2.1	1.9	1.7	2.12	24	4.6
28	1.6	1.5	1.4	1.4	1.4	1.4	1.6	2.0	2.2	2.5	2.5		2.5	2.4	2.2	2.3	3.1	2.7	2.3	2.5	1.9	2.2	2.4	1.8	2.07	23	3.7
29	1.6	1.6	1.4	1.5	1.7	1.6	1.9	3.0	2.9	2.3	2.6	3.6	3.3	2.7	2.7	2.8	3.6	4.1	4.0	4.0					2.63	20	7.7
30																											
31*																											
MEAN	2.5	2.1	2.0	1.9	2.0	2.2	2.7	3.6	3.5	3.4	3.0	2.8	2.5	2.4	2.4	2.6	3.9	3.8	3.5	3.5	3.1	3.0	2.7	2.4	2.81		
NO.	21	22	23	23	22	21	21	21	21	21	23	22	23	23	23	22	22	22	22	22	21	21	21	21		524	
MAX	7.4	4.8	6.0	4.3	5.4	4.3	4.8	7.2	9.4	6.0	5.4	4.5	3.7	4.1	3.0	4.2	6.9	6.8	8.2	7.9	5.7	7.5	5.9	4.0	3.54		16.9

* Indicates Daylight Saving Time
Local standard time used

TABULATED THU., MAY 4, 1967

B-67

CONTINUOUS AIR MONITORING PROGRAM

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

DENVER, COLO.

CONCENTRATION IN PPM

POTASSIUM IODIDE ANALYSIS

TOTAL OXIDANT
JAN. 1966

DAY OF MONTH	AM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	PM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS	5 MIN MAX
1*	.01	.01		.01	.01	.00	.00	.00	.01	.02	.02	.04	.04	.03	.03	.03	.02	.03	.02	.02	.02	.02	.02		.018	22	.04
2*																											
3	.00	.01		.00	.00	.00	.00	.00				.00	.01	.02	.04	.02	.00	.00	.00	.00	.00	.00	.00	.01	.005	20	.06
4	.02	.01			.01	.01	.00	.00	.00	.01			.03	.04	.03	.01	.00	.00	.00	.00	.00	.00	.00	.01	.009	20	.05
5	.00	.00		.01	.01	.01	.01	.00	.00	.00	.02	.05	.03	.03	.04	.02	.01	.00	.00	.00	.00	.01	.01	.01	.011	23	.07
6	.01	.01		.01	.02	.01	.01	.02	.02	.02	.02	.03	.03	.02	.02	.02	.01	.01	.00	.01	.02	.02	.01	.01	.015	23	.04
7	.02	.01		.00	.01	.01	.01	.01	.02	.02	.03	.03	.03	.03	.03	.02	.01	.01	.01	.01	.00	.00	.01	.01	.014	23	.04
8*	.01	.02		.01	.02	.01	.01	.01	.02	.02	.02	.01	.01	.01	.01	.02	.01	.00	.01	.00	.02	.01	.02	.00	.012	23	.04
9*	.00	.00		.02	.02	.02	.01	.01	.02	.03	.03	.04	.04	.04	.03	.03	.03	.02	.01	.00	.01	.00	.00	.00	.017	23	.04
10																											
11										.02	.03	.03	.07	.06	.03	.03	.02	.01	.03	.03	.03	.03	.03	.02	.030	15	.15
12	.02	.02		.01	.01	.01	.01	.01	.02	.03	.03	.04	.03	.03	.03	.02	.01	.01	.01	.02	.02	.01	.01	.01	.018	23	.05
13	.01	.01		.01	.01	.01	.00	.00	.01	.01	.01	.03	.03	.04	.04	.03	.01	.01	.01	.01	.01	.01	.01	.00	.013	23	.05
14	.01	.01		.01	.01	.01	.00	.01	.01	.01	.01	.02	.02	.01	.02	.03	.02	.02	.01	.01	.02	.02	.02	.02	.014	23	.03
15*	.02	.01		.02	.01	.02	.02	.03	.01	.03	.03	.03	.02	.02	.03	.03	.03	.01	.02	.02	.02	.02	.02	.02	.021	23	.03
16*	.02	.02		.02	.02	.02	.02	.02	.02	.03	.03	.03	.03	.03	.04	.03	.02	.01	.01	.01	.00	.01	.00	.00	.020	23	.04
17	.00	.00		.00	.00	.00	.00	.00	.00				.03	.03	.03	.02	.01	.00	.00	.00	.00	.01	.01	.00	.008	20	.04
18	.00	.00		.01	.01	.01	.00	.00	.00	.01	.03	.04	.08	.09	.08	.05	.02	.01	.01	.01	.01	.01	.01	.01	.020	23	.11
19	.01	.01		.00	.00	.00	.01	.01	.01	.01	.01	.01	.01	.01	.02	.01	.01	.01	.01	.01	.01	.01	.00	.01	.007	23	.02
20	.01	.01		.02	.02	.02	.01	.01	.01	.00	.01	.01	.01	.01	.01	.01	.01	.00	.00	.00	.00	.00	.00	.00	.007	23	.02
21	.00	.00		.00	.00	.00	.00	.00	.00	.00	.01	.03	.03	.03	.03	.02	.01	.00	.00	.00	.00	.00	.00	.00	.007	23	.04
22*	.00	.00		.00	.00	.00	.00	.00	.00	.01	.01	.02	.05	.06	.06	.05	.04	.02	.01	.00	.01	.00	.00	.00	.015	23	.08
23*	.00	.00		.00	.00	.00	.00	.00	.00	.03	.03	.04	.04	.04	.04	.03	.03	.02	.01	.00	.00	.00	.00	.00	.013	23	.04
24	.00	.00		.00	.01	.00	.00	.00	.00					.02	.03	.02	.01	.00	.00	.00	.00	.00	.00	.00	.004	19	.03
25	.00	.03		.03	.02	.02	.01	.00	.00							.02	.01	.00	.00	.00	.01	.00	.00	.00	.008	17	.04
26	.00	.02		.00	.00	.00	.00	.00	.00						.04	.03	.02	.01	.02	.01	.02	.02	.01	.01	.010	18	.05
27	.00	.01		.00	.01	.00	.00	.02	.01	.00	.00	.00	.00	.00	.00	.00	.00	.01	.00	.00	.00	.01	.00	.00	.003	23	.05
28	.00	.00		.00	.00	.00	.00	.00	.00			.04	.04	.03	.03	.03	.02	.01	.01	.01	.01	.01	.00	.00	.011	21	.05
29*	.01	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.04	.03	.01	.00	.00	.00	.01	.00	.00	.00	.00	.005	23	.07
30*	.00	.00		.00	.00	.00	.00	.01	.00	.01	.01	.01	.04	.04	.03	.03	.01	.00	.01	.01	.02	.01	.00	.00	.010	23	.05
31	.00	.00		.00	.00	.00	.00	.00	.00			.02	.01	.01	.01	.01	.02	.02	.03	.03	.01	.03	.03	.02	.011	21	.04
MEAN	.01	.01		.01	.01	.01	.00	.01	.01	.01	.02	.02	.03	.03	.03	.02	.01	.01	.01	.01	.01	.01	.01	.01	.012		
NO.	28	28		27	28	28	28	28	27	22	21	24	26	27	28	29	29	29	29	29	29	29	29	28		630	
MAX	.02	.03		.03	.02	.02	.02	.03	.02	.03	.03	.05	.08	.09	.08	.05	.04	.03	.03	.03	.03	.03	.03	.02	.030		.15

TABULATED THU., MAY 4, 1967

* Indicates Saturday or Sunday
Local standard time used

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONCENTRATION IN PPM

POTASSIUM IODIDE ANALYSIS

DENVER, COLO.

TOTAL OXIDANT
FEB. 1966

DAY OF MONTH	AM 12-1	AM 1-2	AM 2-3	AM 3-4	AM 4-5	AM 5-6	AM 6-7	AM 7-8	AM 8-9	AM 9-10	AM 10-11	AM 11-12	PM 12-1	PM 1-2	PM 2-3	PM 3-4	PM 4-5	PM 5-6	PM 6-7	PM 7-8	PM 8-9	PM 9-10	PM 10-11	PM 11-12	DAILY MEAN	NO. OF HRS	5 MIN MAX
1	.02	.02			.00	.00	.01	.01	.01	.01	.03	.04					.02	.01	.01	.01	.01	.00	.01	.00	.011	18	.04
2	.00	.01		.01	.00	.01	.01			.00	.02	.02	.02	.03	.02	.01	.01	.01	.01	.01	.01	.01	.00	.01	.011	21	.04
3	.00	.00		.00	.00	.00	.00	.00	.00	.00	.00	.02	.03	.03	.03	.02	.01	.01	.00	.00	.00	.00	.00	.00	.006	23	.04
4	.00	.00		.00	.00	.00	.00	.00	.00	.01	.02	.02	.02	.05	.07	.04	.03	.01	.00	.02	.02	.00	.01	.01	.014	23	.10
5*	.01	.00		.00	.01	.01	.01	.00	.00	.01	.00	.00	.02	.04	.06	.05	.03	.02	.01	.00	.01	.01	.00	.01	.014	23	.07
6*	.01	.01		.02	.01	.01	.01	.01	.01	.01	.02	.04	.06	.07	.07	.04	.04	.02	.01	.01	.01	.01	.02	.01	.022	23	.09
7	.01	.01		.01	.01	.01	.02	.02	.02			.02	.03	.04	.04	.03	.03	.02	.02	.01	.01	.01	.00	.01	.017	21	.05
8	.01	.01		.01	.01	.01	.01	.01	.01	.02	.03	.03	.03	.03	.03	.02	.01	.01	.02	.01	.01	.01	.02	.01	.016	23	.04
9																											
10										.02	.02	.03	.04	.05	.04	.04	.03	.02	.01	.02	.02	.01	.01	.02	.023	15	.06
11	.01	.02		.00	.00	.00	.00	.00	.00	.00	.01	.02	.03	.03	.03	.03	.01	.00	.01	.00	.00	.01	.00	.00	.009	23	.04
12*	.00	.00		.00	.00	.00	.01	.02	.03	.03	.03	.07	.06	.04	.03	.03	.04	.03	.03	.03	.02	.02	.03	.03	.024	23	.09
13*	.03	.03		.03	.02	.02	.02	.02	.02	.03	.04	.05	.06	.07	.05	.04	.03	.02	.01	.01	.01	.01	.00	.00	.026	23	.08
14	.00	.01		.00	.00	.00	.00	.00	.00		.02	.04	.04	.04	.04	.04	.02	.01	.02	.00	.00	.01	.00	.01	.013	22	.05
15	.00	.00		.00	.00	.00	.00	.00	.00	.00	.02	.03	.03	.04	.03	.03	.01	.01	.01	.02	.00	.00	.00	.00	.010	23	.04
16	.00	.01		.00	.00	.00	.00	.00	.00	.00	.02	.03	.03	.03	.03	.02	.01	.01	.01	.00	.00	.00	.00	.01	.009	23	.04
17	.00	.01		.00	.00	.00	.00	.00	.00	.01	.01	.03	.04	.04	.04	.03	.01	.01	.02	.03	.02	.01	.01	.02	.014	23	.05
18	.03	.02		.04	.02	.01	.01	.02	.02	.03	.04	.03	.04	.05	.04	.04	.03	.02	.03	.03	.02	.01	.01	.02	.026	23	.06
19*	.02	.01		.01	.01	.01	.01	.01	.01	.01	.01	.05	.06	.05	.05	.06	.06	.04	.03	.03	.02	.02	.03	.03	.027	23	.09
20*	.03	.02		.01	.01	.02	.01	.02	.02	.03	.04	.05	.05	.07	.05	.04	.03	.03	.03	.03	.03	.03	.02	.02	.029	23	.09
21	.02	.02		.01	.01	.01	.02	.03	.03		.02	.02	.04	.04	.03	.03	.02	.02	.02	.02	.03	.02	.02	.03	.022	22	.05
22	.02	.02		.02	.02	.02	.02	.02	.03	.05	.05	.05	.05	.03	.03	.03	.02	.01	.02	.01	.01	.02	.02	.02	.025	23	.07
23	.02	.02		.01	.01	.01	.00	.01	.01	.02	.01	.03	.04	.05	.06	.05	.03	.02	.01	.00	.01	.01	.01	.01	.020	23	.07
24	.00	.01		.00	.00	.00	.00	.00	.00	.00	.00	.05	.05	.05	.04	.03	.03	.01	.01	.01	.01	.00	.01	.01	.014	23	.06
25	.01	.01		.01	.00	.01	.01	.01	.01	.02	.01	.01	.02	.02	.03	.02	.01	.01	.01	.01	.01	.01	.01	.00	.011	23	.04
26*	.00	.00		.01	.00	.00	.01	.01	.00	.01	.02	.06	.05	.03	.03	.03	.03	.02	.02	.02	.03	.03	.02	.01	.019	23	.07
27*	.02	.02		.03	.02	.02	.02	.02	.03	.05	.06	.07	.08	.08	.06	.05	.05	.04	.03	.02	.02	.02	.02	.03	.036	23	.10
28	.02	.03		.04	.04	.03	.03	.02	.02		.04	.04	.04	.04	.05	.04	.03	.02	.01	.01	.01	.02	.01	.01	.026	22	.06
MEAN	.01	.01		.01	.01	.01	.01	.01	.01	.02	.02	.03	.04	.04	.04	.03	.02	.02	.02	.01	.01	.01	.01	.01	.018		
NO.	26	26		25	26	26	26	25	25	23	26	27	26	26	26	26	27	27	27	27	27	27	27	27		601	
MAX	.03	.03		.04	.04	.03	.03	.03	.03	.05	.06	.07	.08	.08	.07	.06	.06	.04	.03	.03	.03	.03	.03	.03	.036		.10

* Indicates Saturday or Sunday
Local standard time used

TABULATED THU., MAY 4, 1967

B.69

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONCENTRATION IN PPM

POTASSIUM IODIDE ANALYSIS

DENVER, COLO.

TOTAL OXIDANT
MARCH 1966

DAY OF MONTH	AM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	PM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS	5 MIN MAX
1												.03	.04	.03	.03	.02	.02	.02	.03	.04	.04	.03	.04	.04	.031	13	.05
2														.03	.03	.03	.02	.03	.03	.02	.03	.03	.03	.03	.025	20	.04
3	.03	.03	.03	.03	.02	.01	.01	.02	.03							.03	.03	.02	.02	.03	.03	.03	.03	.03	.023	17	.04
4	.03	.03	.01	.02	.02	.01	.01	.03																			
5*	.03	.03	.02	.01	.01	.01	.00	.02	.04	.04	.04		.05	.05	.04	.04	.04	.03	.02	.01	.01	.00	.01	.01	.024	23	.06
6*	.01	.00	.01	.01	.01	.01	.01	.02	.04	.05	.05		.04	.04	.04	.04	.04	.03	.02	.02	.01	.01	.01	.01	.023	23	.06
7	.02	.01	.01	.01	.01	.01	.02	.03					.05	.04	.03	.03	.02	.02	.02	.02	.02	.01	.01	.02	.020	20	.05
8	.01	.01	.01	.01	.01	.01	.02	.02	.04	.04	.04		.04	.04	.04	.04	.02	.01	.02	.02	.02	.02	.02	.02	.022	23	.06
9	.01	.01	.01	.02	.01	.02	.02	.02	.02	.05	.06		.05	.05	.05	.04	.03	.02	.02	.02	.01	.01	.01	.02	.025	23	.08
10	.01	.02	.01	.01	.02	.01	.02	.02	.02	.02	.04		.04	.04	.03	.03	.02	.02	.02	.02	.03	.02	.02	.02	.022	23	.05
11	.02	.02	.01	.01	.01	.02	.02	.03	.03	.04	.04		.04	.04	.04	.04	.04	.03	.02	.02	.01	.01	.01	.01	.024	23	.05
12*	.01	.01	.01	.01	.01	.02	.02	.03	.04	.06	.05		.04	.05	.05	.05	.04	.04	.02	.02	.02	.01	.02	.02	.027	23	.06
13*	.01	.01	.01	.01	.01	.02	.02	.02	.04	.06	.06		.05	.05	.05	.05	.04	.02	.02	.01	.02	.01	.02	.01	.027	23	.07
14																											
15																											
16	.02	.02	.01	.02	.02	.02	.02	.03	.02	.03	.04		.04	.04	.04	.03	.04	.03	.03	.04	.03	.03	.03	.03	.027	23	.05
17	.02	.03	.03	.03	.03	.02	.03	.03	.04	.04	.04		.04	.04	.04	.04	.03	.03	.03	.03	.03	.02	.03	.02	.031	23	.05
18	.03	.02	.01	.01	.00	.01	.01	.03	.04	.04	.04		.03	.04	.04	.03	.02	.01	.02	.02	.01	.01	.01	.01	.021	23	.06
19*	.01	.01	.01	.01	.01	.01	.01	.02	.01	.02	.06		.04	.04	.03	.03	.02	.02	.01	.01	.01	.01	.00	.01	.017	23	.08
20*	.01	.01	.01	.01	.01	.01	.02	.03	.03	.04	.04		.03	.03	.03	.03	.03	.02	.02	.01	.01	.01	.01	.00	.019	23	.05
21	.00	.01	.01	.02	.01	.01	.01	.03			.04		.03	.02	.03	.03	.02	.03	.02	.03	.02	.02	.02	.02	.021	21	.04
22	.02	.02	.02	.04	.04	.02	.01	.01	.03	.03	.03		.03	.03	.03	.03	.02	.03	.02	.02	.02	.01	.01		.022	23	.04
23	.01	.01	.02	.01	.01	.01	.01	.03	.04	.04	.04		.04	.04	.04	.04	.04	.03	.03	.02	.02	.02	.01	.01	.024	23	.05
24	.01	.01	.01	.01	.01	.01	.01	.02	.04	.04	.04		.04	.05	.06	.06	.04	.03	.02	.01	.02	.02	.01		.025	22	.06
25																											
26*											.06		.06	.07	.06	.05	.05	.04	.03	.02	.02	.02	.02	.02	.039	13	.07
27*	.02	.02	.01	.01	.02	.02	.02	.03	.04	.06	.06		.06	.06	.06	.05	.05	.04	.03	.02	.02	.02	.01	.01	.031	23	.07
28	.02	.01	.01	.01	.01	.02	.03	.04			.04		.04	.04	.05	.04	.03	.03	.03	.03	.02	.01	.02	.02	.026	21	.06
29	.01	.01	.01	.02	.02	.02	.02	.03	.04	.06				.04	.04	.04	.03	.04	.03	.02	.02	.02	.02	.02	.026	21	.07
30	.02	.02	.01	.02	.02	.03	.03	.06	.07	.05	.07		.08	.10	.09	.08	.08	.07	.04	.03	.03	.02	.02	.02	.045	23	.11
31	.02	.01	.02	.02	.01	.01	.02	.07	.07	.06	.05		.05	.05	.05	.04	.03	.03	.03	.02	.03	.03	.03	.03	.033	23	.14
MEAN	.02	.02	.01	.01	.01	.01	.02	.03	.04	.04	.05		.04	.04	.04	.04	.03	.03	.02	.02	.02	.02	.02	.02	.026		
NO	25	25	25	25	25	25	25	25	21	20	23		24	26	26	27	27	27	27	27	27	27	27	26		682	
MAX	.03	.03	.03	.04	.04	.03	.03	.07	.07	.06	.07		.08	.10	.09	.08	.08	.07	.04	.06	.04	.03	.04	.04	.045		.14

* Indicates Saturday or Sunday
Local standard time used

TABULATED THU., MAY 4, 1967

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONCENTRATION IN PPM

POTASSIUM IODIDE ANALYSIS

DENVER, COLO.

TOTAL OXIDANT
APRIL 1966

DAY OF MONTH	AM 12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	PM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN MAX
1	.02	.02		.02	.03	.02	.02	.02	.05	.05	.05	.06	.06	.05	.05	.05	.04	.04	.03	.02	.02	.02	.02	.02	.034	23	.08
2*	.02	.02		.02	.02	.03	.03	.03	.05	.05	.05	.05	.05	.04	.05	.05	.05	.04	.04	.06	.04	.04	.04	.03	.037	23	.06
3*	.03	.03		.03	.03	.02	.03	.03	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.03	.03	.03	.02	.02	.03	.031	23	.09
4	.02	.02		.03	.03	.03	.03	.03	.03					.05	.04	.04	.04	.03	.03	.03	.03	.02	.02	.02	.028	20	.06
5	.02	.01		.01	.01	.01	.02	.02	.02	.05	.06	.06	.06	.07	.05	.05	.05	.04	.04	.04	.03	.02	.02	.01	.031	23	.07
6	.02	.03		.01	.01	.01	.02	.04	.04	.05	.05	.05	.05	.05	.05	.04	.04	.03	.03	.08	.04	.05	.02	.02	.034	23	.10
7	.01	.03												.05	.04	.04	.04	.03	.03	.03	.03	.03	.03	.02	.031	14	.05
8	.02	.02		.02	.02	.02	.02	.03	.04	.03	.04	.05	.05	.05	.05	.06	.05	.05	.04	.03	.02	.02	.02	.02	.032	23	.06
9*	.02	.02		.02	.02	.02	.03	.04	.05		.07	.07	.07	.07	.06	.05	.05	.05	.05	.04	.03	.02	.02	.02	.037	22	.08
10*	.02	.02		.02	.02	.01	.02	.04	.05	.06	.06	.06	.07	.06	.06			.05	.04	.04	.03	.04	.04	.04	.039	21	.07
11	.03	.02		.02	.03	.02	.02	.04	.04				.05	.05	.04	.05	.05	.04	.03	.03	.03	.04	.04	.04	.04	.035	21	.06
12	.03	.04		.02	.03	.02	.02	.03	.05	.06	.05	.05	.05	.05	.05	.05	.05	.03	.04	.03	.03	.03	.03	.02	.02	.035	23	.08
13	.01	.01		.01	.01	.01	.02	.03	.07	.09	.08	.07	.07	.06	.06	.05	.04	.05	.03	.03	.03	.03	.03	.03	.02	.037	23	.11
14	.02	.01		.02	.01	.02	.02	.03	.06	.08	.07	.07	.07	.07	.07	.08	.08	.07	.06	.06	.03	.03	.02	.03	.02	.044	23	.10
15	.02	.02		.03	.02	.02	.03	.02	.04	.07	.06	.06	.06	.06	.07	.06	.07	.06	.05	.04	.03	.02	.02	.02	.02	.038	23	.08
16*	.02	.02		.02	.02	.01	.01	.01	.04	.05	.04	.05	.05	.04	.05	.06	.05	.05	.05	.03	.02	.01	.02	.03	.03	.031	23	.06
17*	.02	.02		.02	.03	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.03	.02	.02	.02	.02	.020	23	.04
18	.02	.01		.02	.02	.02	.02	.02	.02	.02				.02	.02	.02	.02	.01	.02	.02	.01	.02	.02	.02	.02	.018	20	.04
19	.03	.02		.03	.02	.03	.02	.03	.03	.03	.03	.02	.03	.02	.02	.03	.03	.02	.02	.03	.02	.02	.03	.03	.03	.025	23	.04
20	.03	.03			.03	.03	.02	.03	.02	.01	.04	.11	.16	.14	.07	.05	.04	.04	.03	.03	.02	.02	.02	.02	.044	22	.18
21	.02	.01		.01	.01	.00	.01	.02	.03	.02	.06	.07	.05	.05	.05	.04	.04	.03	.02	.02	.02	.02	.02	.02	.028	23	.12
22	.02	.02		.02	.02	.02	.02	.03	.02	.02	.04	.05	.05	.04	.04	.03	.02	.03	.03	.03	.02	.02	.02	.02	.027	23	.05
23*	.01	.01		.01	.00	.01	.01	.02	.04	.05	.05	.06	.06	.06	.06	.06	.05	.04	.04	.03	.03	.02	.02	.03	.033	23	.07
24*	.02	.01		.01	.01	.01	.01	.03								.06	.07	.06	.04	.02	.02	.01	.01	.02	.025	16	.07
25	.03	.02		.02	.02	.02	.00	.01			.05	.05		.05	.06	.05	.05	.05	.05	.04	.04	.03	.02	.02	.03	.033	21	.06
26													.02	.04	.03	.02	.04	.03	.04	.03	.03	.02	.02	.02	.01	.027	13	.05
27																												
28																												
29																												
30*																												
MEAN	.02	.02		.02	.02	.02	.02	.03	.04	.05	.05	.05	.05	.05	.05	.05	.04	.04	.04	.03	.03	.02	.02	.02	.02	.032		
NO	25	25		23	24	24	24	24	22	18	20	22	25	25	24	25	26	26	26	26	26	26	26	26		358	
MAX	.03	.04		.03	.03	.03	.03	.04	.07	.09	.08	.11	.16	.14	.08	.08	.07	.06	.08	.05	.05	.04	.04	.04	.044		.18

* Indicates Saturday or Sunday
Local standard time used

TABULATED THU., MAY 4, 1967

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONCENTRATION IN PPM

POTASSIUM IODIDE ANALYSIS

DENVER, COLO.

TOTAL OXIDANT
MAY 1966

DAY OF MONTH	AM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	PM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5 MIN MAX
1*	.00	.00		.00	.00	.00	.00	.01	.04	.02	.05	.06	.06	.07	.07	.06	.06	.06	.04	.03	.03	.02	.01	.02	.030	23	.08
2	.02	.03		.02	.00	.00	.01	.01			.05	.06	.05	.05	.05	.05	.05	.05	.04	.03	.01	.02	.01	.02	.031	21	.06
3	.02	.02		.02	.01	.01	.02	.05	.05	.06	.06	.05	.05	.05	.05	.04	.03	.04	.03	.03	.02	.01	.01	.02	.033	23	.08
4	.02	.01		.02	.02	.02	.00	.02					.06	.07	.06	.05	.05	.04	.04	.02	.03	.02	.02	.03	.031	19	.08
5	.03	.03		.02	.01	.01	.01	.03	.05	.10	.10	.07	.06	.06	.07	.06	.06	.04	.05	.04	.03	.03	.02	.02	.044	23	.13
6	.03	.02		.02	.03	.02	.02	.04	.03	.05	.06	.06	.06	.06	.05	.06	.05	.06	.04	.02	.02	.01	.01	.02	.036	23	.07
7*	.03	.03		.02	.02	.02	.03	.05	.08	.07	.06	.05	.06	.07	.06	.05	.05	.05	.04	.03	.02	.02	.01	.01	.039	23	.09
8*	.02	.01		.01	.02	.02	.02	.04	.06	.05	.03	.04	.03	.03			.04	.03	.02	.03	.03	.03	.04	.04	.030	21	.07
9	.03	.03		.02	.02	.02	.01				.03	.02	.04	.04	.04	.03	.02	.03	.03	.02	.02	.02	.01	.02	.024	20	.05
10	.01	.01		.01	.01	.01	.02	.02	.04	.06	.06	.06	.06	.06	.05	.05	.03	.04	.03	.03	.02	.02	.04	.03	.032	23	.07
11	.04	.04		.04	.04	.04	.03	.05	.05	.05	.05	.04	.04	.03	.03	.03	.03	.03	.02	.02	.02	.02	.02	.03	.034	23	.06
12	.03	.03		.03	.02	.02	.02	.03	.04	.05	.06	.06	.05	.05	.05	.05	.05	.04	.04	.03	.02	.02	.02	.02	.036	23	.07
13	.02	.01		.01	.01	.02	.02	.05	.07	.07	.06	.06	.05	.04	.04	.04	.04	.04	.03	.02	.02	.02	.02	.01	.032	23	.08
14*	.01	.01		.02	.02	.02	.02	.04	.04	.05	.04	.05	.05	.05	.05	.05	.05	.05	.04	.03	.02	.02	.02	.02	.033	23	.06
15*	.02	.02		.02	.02	.01	.02	.04	.04	.05	.05	.06	.06	.05	.05	.04	.04	.04	.03	.02	.01	.02	.02	.01	.032	23	.07
16	.01	.02		.03	.02	.02	.02	.03			.06	.05	.05	.05	.05	.05	.05	.05	.04	.03	.02	.02	.03	.02	.033	21	.07
17	.03	.03		.01	.01	.01	.02	.06	.05	.05	.05	.05	.05	.04	.05	.04	.04	.04	.04	.03	.03	.03	.03	.03	.035	23	.08
18	.04	.04		.03	.03	.02	.03	.02	.03	.03	.05		.06	.05	.06	.06	.07	.07	.05	.03	.03	.03	.04	.04	.040	22	.08
19	.04	.04		.04	.03	.02	.03	.04	.05	.06	.07	.07	.07	.06	.06	.06	.06	.06	.05	.03	.02	.02	.02	.02	.042	23	.07
20	.01	.02		.02	.01	.02	.02	.04	.07	.09	.13	.12	.09	.07	.05	.05	.05	.05	.04	.02	.02	.01	.01	.02	.044	23	.15
21*	.02	.01		.02	.03	.03	.04	.05	.07	.10	.10	.10	.09	.08	.08	.07	.06	.05	.04	.04	.04	.03	.02	.02	.051	23	.12
22*	.01	.02		.03	.03	.04	.04	.07	.07	.07	.07	.07	.07	.07	.07	.06	.05	.05	.04	.04	.03	.02	.02	.04	.047	23	.08
23	.04	.05		.05	.05	.04	.04	.06			.07	.07	.07	.07	.07	.07	.06	.06	.05	.04	.04	.04	.02	.01	.051	21	.08
24	.02	.01		.01	.01	.01	.04	.08	.11	.11	.10	.09	.08	.07	.07	.06	.07	.06	.05	.03	.02	.01	.01	.01	.049	23	.13
25	.02	.02		.02	.01	.02	.03	.09	.10	.07	.10	.07	.07	.06	.06	.05	.05	.05	.05	.03	.02	.02	.02	.02	.045	23	.14
26	.02	.01			.03	.02	.03	.08	.08	.14	.10	.07	.06	.06	.06	.05	.05	.06	.05	.06	.03	.03	.01	.02	.050	22	.22
27	.03	.02		.02	.01	.02	.03	.08	.09	.15	.12	.08	.07	.06	.05	.04	.04	.04	.04	.03	.02	.02	.03	.04	.048	23	.20
28*	.02	.02		.02	.02	.02	.03	.05	.10	.11	.09	.07	.06	.06	.05	.05	.05	.05	.05	.04	.03	.02	.03	.02	.046	23	.13
29*	.03	.02		.02	.01	.02	.03	.05	.05	.04	.09	.09	.09	.08	.08	.08	.07	.07	.06	.04	.04	.03	.03	.02	.048	23	.11
30	.03	.03		.02	.02	.02	.03	.04		.06	.07	.07	.07	.06	.06	.06	.05	.04	.03	.03	.02	.02	.02	.01	.038	22	.08
31	.02	.02		.02	.01	.02	.02	.03	.03	.05	.07	.06	.05	.05	.03	.03	.03	.02	.03	.01	.01	.01	.01	.01	.028	23	.08
MEAN	.02	.02		.02	.02	.02	.02	.04	.06	.07	.07	.06	.06	.06	.06	.05	.05	.05	.04	.03	.02	.02	.02	.02	.039		
NO	31	31		30	31	31	31	30	25	26	30	29	31	31	30	30	31	31	31	31	31	31	31	31		695	
MAX	.04	.05		.05	.05	.04	.04	.09	.11	.15	.13	.12	.09	.08	.08	.08	.07	.07	.06	.04	.04	.04	.04	.04	.051		.22

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Local standard time used

TABULATED THU., MAY 4, 1967

CONTINUOUS AIR MONITORING PROGRAM

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

DENVER, COLO.

CONCENTRATION IN PPM

POTASSIUM IODIDE ANALYSIS

TOTAL OXIDANT
JUNE 1966

DAY OF MONTH	A.M. 12	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5 MIN MAX
1																											
2																											
3	.01	.01		.02	.01	.01	.02	.03		.16	.11	.05	.05	.03	.03	.03	.03	.03	.04	.03	.02	.01	.01	.01	.034	22	.19
4*	.01			.01	.01	.01	.02	.04	.06	.07	.08	.05	.05	.05	.04	.04	.04	.04	.04	.02	.02	.02	.03	.03	.034	22	.09
5*	.03			.03	.03	.03	.03	.04	.04	.05	.05	.06	.06	.07	.06	.06	.06	.06	.05	.04	.03	.03	.03	.04	.044	22	.07
6	.04			.02	.02	.02	.03	.04			.05	.05	.05	.05		.05	.04	.04	.03	.03	.03	.02	.02	.02	.034	19	.06
7	.02	.02		.01	.02	.02	.03	.04	.04	.04	.04	.04	.05	.05	.04	.04	.04	.04	.04	.06	.03	.02	.02	.03	.032	23	.06
8	.03	.03			.02	.02	.02	.02	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.02	.027	22	.05
9	.03	.03		.03	.03	.03	.02	.02	.02	.03	.03	.03	.04	.04	.05	.04	.03	.04	.05	.03	.02	.02	.03	.03	.031	23	.06
10	.03	.03		.04	.03	.03	.03	.04	.03	.04	.05	.06	.05	.05	.05	.05	.06	.05	.05	.03	.02	.02	.02	.02	.037	23	.07
11*	.02	.02		.03	.02	.02	.03	.04	.05	.06	.06	.06	.07	.07	.06	.06	.06	.07	.06	.04	.04	.03	.03	.03	.044	23	.08
12*	.04	.03		.04	.03	.03	.04	.05	.06	.06	.06	.06	.06	.06		.06	.06	.06	.06	.08	.05	.04	.03	.03	.048	22	.07
13	.03	.02		.02	.02	.03	.04	.05			.06	.06	.07	.06	.06	.06	.05	.04	.05	.04	.03	.02	.02	.03	.040	21	.07
14	.03	.04		.03	.02	.03	.04	.08	.07	.08	.11	.07	.04	.04	.03	.03	.03	.03	.03	.02	.02	.02	.01	.01	.039	23	.14
15																											
16									.02	.02	.03	.02	.03	.03	.04	.05	.04	.05	.05	.03	.02	.02	.02	.02	.029	16	.06
17	.02	.02		.01	.01	.02	.02	.03	.03	.03	.03	.05	.05	.07	.07	.05	.04	.03	.03	.02	.03	.02	.02	.03	.031	23	.08
18*	.02	.02		.01	.02	.02	.02	.05	.10	.13	.09	.07	.06	.07	.06	.04	.08	.06	.06	.04	.04	.03	.03	.02	.048	23	.16
19*	.02	.02		.03	.03	.03	.03	.05	.07	.08	.07	.07	.07	.08	.07	.05	.06	.04	.04	.04	.04	.03	.03	.02	.046	23	.09
20	.03	.03		.02	.03	.02	.03	.05			.06	.04	.05	.06	.05	.04	.04	.05	.04	.03	.02	.02	.02	.02	.036	21	.08
21	.03	.02		.02	.02	.02	.03	.05	.05	.07	.12	.11	.10	.09	.13	.10	.09	.06	.05	.06	.04	.03	.03	.03	.057	23	.14
22	.03	.02		.03	.02	.02	.02	.04	.05	.06	.07	.07	.06	.05	.05	.04	.04	.06	.04	.02	.02	.04	.04	.04	.040	23	.08
23																											
24																											
25*	.02	.02		.04	.03	.03	.04	.06		.07	.07	.07	.07	.07			.07	.07	.06	.05	.05	.04	.04	.03	.049	20	.08
26*	.02	.02		.03	.02	.02	.04	.05	.07	.07	.08	.08	.07	.06		.04	.04	.03	.03	.03	.03	.02	.02	.02	.040	22	.09
27	.02	.01		.01	.01	.02	.03	.06								.06	.06	.06	.05	.04	.04	.03	.03	.03	.034	16	.08
28	.04	.04		.04	.03	.03	.04	.07								.07	.07	.07	.06	.05	.04	.03	.03	.03	.044	16	.10
29																											
30																											
MEAN	.03	.02		.03	.02	.02	.03	.04	.05	.06	.06	.06	.06	.05	.05	.05	.05	.05	.04	.03	.03	.03	.02	.02	.039		
NO	22	19		21	22	22	22	22	16	18	21	21	21	21	17	22	23	23	23	23	23	23	23	23		491	
MAX	.04	.04		.04	.03	.03	.04	.08	.10	.16	.12	.11	.10	.09	.13	.10	.09	.07	.06	.05	.05	.04	.04	.04	.057		.19

* Indicates Saturday or Sunday
Local standard time used

TABULATED THU., MAY 4, 1967

B.73

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONCENTRATION IN PPM

POTASSIUM IODIDE ANALYSIS

DENVER, COLO.

TOTAL OXIDANT
JULY 1966

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS	5 MIN MAX
1																											
2*																											
3*																											
4	.01	.02		.02	.02	.02	.02	.03			.06	.04	.04	.04	.04	.04	.05	.04	.03	.02	.01	.01	.01	.01	.027	21	.06
5	.01	.01		.02	.01	.01	.03	.08	.16	.10	.06	.06	.06	.06	.06	.06	.05	.04	.04	.04	.03	.02	.02	.01	.044	23	.19
6	.01	.02		.02	.02	.02	.03	.06						.07	.06	.06	.06	.06	.04	.03	.03	.03	.04	.03	.038	18	.08
7	.05	.05		.02	.02	.02	.03	.06	.09	.12	.14	.14	.14	.08	.06	.07	.06	.06	.04	.03	.02	.02	.04	.03	.059	23	.20
8	.03	.03		.03	.02	.02	.04	.16	.13	.08	.09	.10	.08	.07	.06	.05	.05	.05	.05	.03	.02	.03	.02	.03	.054	23	.22
9*	.02	.02		.02	.02	.02	.03	.08	.12	.12	.12	.09	.08	.07	.07	.07	.06	.06	.05	.03	.05	.05	.05	.05	.058	23	.14
10*	.04	.04		.04	.04	.03	.04	.06	.07	.08	.11	.10	.09	.09	.07	.05	.05	.05	.05	.06	.03	.02	.02	.02	.052	23	.12
11	.02	.02		.02	.02	.02	.03	.09			.07	.06	.06	.07	.07	.07	.07	.07	.04	.06	.04	.03	.03	.03	.044	21	.12
12																											
13																											
14																											
15																											
16*		.04		.04	.04	.03	.04	.08	.11	.12	.11	.10	.07	.07	.07	.07	.06	.06	.05	.03	.05	.06	.06	.06	.065	22	.14
17*	.06	.05		.04	.04	.02	.04	.06	.07	.11	.08	.08	.08	.07			.06	.06	.05	.06	.06	.07	.07	.07	.060	21	.14
18																											
19																											
20																											
21																											
22																											
23*																											
24*																											
25																											
26																											
27		.04		.03	.02	.02	.02	.06	.12	.15	.12	.10	.08	.06			.06	.07	.07	.06	.05	.04	.02	.04	.061	20	.20
28	.03	.03		.03	.02	.02	.02	.05	.07	.13	.12	.11	.09	.09	.08	.08	.08	.07	.06	.05	.04	.04	.05	.05	.060	23	.17
29																											
30*																											
31*	.06	.06		.06	.06	.04	.04	.06	.08	.12	.12	.08	.08	.08	.08	.08	.08	.07	.06	.04	.05	.05	.04	.04	.066	23	.17
MEAN																											
NO	11	13		13	13	13	13	13	10	10	12	12	12	13	11	1	13	13	13	13	13	13	13	13		284	
MAX	.06	.06		.06	.06	.04	.04	.16	.16	.15	.14	.14	.14	.09	.08	.08	.08	.07	.07	.06	.06	.07	.07	.07	.066		.22

* Indicates Saturday or Sunday
Local standard time used

TABULATED THU., MAY 4, 1967

CONTINUOUS AIR MONITORING PROGRAM

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U.S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

DENVER, COLO.

CONCENTRATION IN PPM

POTASSIUM IODIDE ANALYSIS

TOTAL OXIDANT
AUG. 1966

DAY OF MONTH	AM 12-1	AM 1-2	AM 2-3	AM 3-4	AM 4-5	AM 5-6	AM 6-7	AM 7-8	AM 8-9	AM 9-10	AM 10-11	AM 11-12	PM 12-1	PM 1-2	PM 2-3	PM 3-4	PM 4-5	PM 5-6	PM 6-7	PM 7-8	PM 8-9	PM 9-10	PM 10-11	PM 11-12	DAILY MEAN	NO. OF HRS.	DAILY MAX
1	.04	.04	.02	.02	.01	.01	.06	.04	.05	.06	.06	.06	.07	.06	.05	.07	.06	.04	.04	.04	.04	.02	.02	.042	23	.09
2	.03	.04	.01	.01	.01	.02	.04					.09	.08	.07	.05	.06	.07	.06	.04	.03	.03	.02	.03	.03	.041	20	.10
3	.03	.03	.03	.08	.02	.00	.04						.08	.07	.07	.06	.05	.08	.06	.05	.03	.03	.02	.03	.043	19	.10
4	.03	.05	.04	.04	.02	.02	.08	.09	.08	.07	.07		.07	.07	.05	.05	.05	.06	.05	.04	.04	.04	.04	.05	.051	23	.11
5	.02	.03	.03	.01	.01	.02	.05	.07	.09	.10	.10		.08	.09	.07	.06	.06	.06	.05	.04	.04	.04	.02	.03	.050	23	.11
6*	.02	.03	.03	.02	.02	.02	.07	.11	.09	.07	.07		.07	.07	.08	.08	.06	.06	.05	.03	.02	.02	.03	.02	.047	23	.12
7*	.02	.01	.02	.03	.02	.03	.03	.04	.05	.06	.06		.08	.09			.10	.09	.07	.06	.06	.04	.05	.05	.049	21	.13
8	.05	.05		.03	.02	.01	.00					.03	.03	.03	.03	.03	.04	.04	.03	.02	.03	.03	.03	.02	.028	19	.05
9	.02	.02	.02	.02	.02	.01	.02	.02	.02	.03		.04	.04	.05	.07	.07	.07	.05	.05	.04	.04	.05	.04	.03	.035	23	.09
10	.04	.04	.03	.02	.02	.01	.02					.09	.08	.06	.06	.06	.06	.06	.05	.04	.04	.04	.04	.03	.043	20	.10
11																											
12																											
13*																											
14*	.04	.04	.04	.01	.02	.02	.04	.05	.06	.07	.06		.06	.08	.09	.06	.05	.05	.04	.02	.03	.03	.03	.02	.043	23	.10
15	.03	.02	.02	.02	.01	.01	.05	.09			.10		.10	.07	.07	.08	.09	.09	.07	.05	.03	.04	.03	.04	.052	21	.12
16	.04	.04	.02	.02	.02	.01	.04	.10	.16	.15	.08		.07	.07	.07	.06	.07	.06	.04	.02	.03	.02	.02	.02	.053	23	.20
17	.02	.02	.02	.02	.01	.01	.02	.09	.13	.09	.05		.05	.05	.05	.05	.05	.05	.04	.04	.03	.03	.03	.03	.042	23	.17
18	.02	.01	.01	.01	.02	.02	.05	.09	.09	.10	.14		.10	.09	.08	.07	.06	.08	.05	.03	.04	.03	.03	.03	.053	23	.16
19	.03	.02	.02	.01	.01	.02	.03							.06	.04				.04	.03	.02	.01	.02	.01	.024	15	.07
20*	.01	.02	.02	.02	.01	.02	.04	.06	.09	.08	.08		.06	.06	.05	.06	.07	.07	.06	.04	.03	.02	.01		.043	22	.10
21*		.01	.03	.03	.03	.03	.03	.04			.06		.06	.06			.06	.06	.04	.03	.04	.03	.03	.03	.038	18	.07
22	.02	.03		.02	.02	.02	.03			.13						.05	.05	.05	.04	.03	.03	.02	.01	.01	.034	16	.15
23	.01	.02	.03	.02	.02	.02	.02	.03	.04	.03	.04		.05	.08	.06	.07	.08	.09	.08	.06	.03	.02	.01	.01	.039	23	.11
24	.01	.02	.01	.01	.01	.00	.03	.09	.12	.14	.15		.08	.06			.06	.05	.03	.02	.02	.01	.02	.01	.045	21	.18
25	.01	.03	.02	.01	.01	.01	.03	.09	.14	.14	.13		.08	.07	.06	.06	.06	.06	.04	.02	.02	.02	.01	.01	.048	23	.20
26	.02	.02	.04	.03	.02	.03	.04	.08	.09	.09	.07		.07	.06	.06	.06	.06	.05	.04	.05	.04	.05	.03	.02	.048	23	.12
27*	.03	.04	.02	.01	.01	.02	.05	.10	.11	.08	.08		.08	.08	.07	.07	.06	.05	.04	.04	.04	.03	.05	.04	.051	23	.17
28*	.02	.02	.01	.02	.02	.02	.04	.06	.08	.07	.07		.07	.07	.08	.07	.06	.06	.05	.04	.04	.03	.03	.03	.046	23	.09
29	.04	.03	.02	.01	.01	.02	.07	.11	.11					.06	.06	.05	.05	.06	.05	.05	.04	.03	.05	.04	.047	20	.17
30																											
31																											
MEAN	.03	.03	.02	.02	.02	.02	.04	.07	.09	.09	.08		.07	.07	.06	.06	.06	.06	.05	.03	.03	.03	.03	.03	.044		
NO.	25	26	24	26	26	26	26	20	18	18	22		23	25	22	22	25	25	26	26	26	26	26	25		554	
MAX	.05	.05	.04	.08	.03	.03	.08	.11	.16	.15	.15		.10	.09	.09	.08	.10	.09	.08	.06	.06	.05	.05	.05	.053		.20

* Indicates Saturday or Sunday
Local standard time used

TABULATED THU., MAY 4, 1967

CONTINUOUS AIR MONITORING PROGRAM

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

DENVER, COLO.

CONCENTRATION IN PPM

POTASSIUM IODIDE ANALYSIS

TOTAL OXIDANT
SEPT. 1966

DAY OF MONTH	AM 12-1	AM 1-2	AM 2-3	AM 3-4	AM 4-5	AM 5-6	AM 6-7	AM 7-8	AM 8-9	AM 9-10	AM 10-11	AM 11-12	PM 12-1	PM 1-2	PM 2-3	PM 3-4	PM 4-5	PM 5-6	PM 6-7	PM 7-8	PM 8-9	PM 9-10	PM 10-11	PM 11-12	DAILY MEAN	NO. OF HRS	5 MIN MAX
1																											
2		.03		.03	.03	.02	.02	.04	.06	.06	.08					.06	.05	.04	.03	.02	.01	.01	.00	.02	.033	18	.09
3*	.02	.02		.03	.04	.03	.03	.03	.03	.04	.06	.07	.06	.06	.06	.07	.07	.06	.04	.03	.02	.00	.00	.01	.037	23	.08
4*	.02	.03		.02	.02	.02	.02	.03	.04	.07	.10	.08	.08	.08			.04	.05	.03	.01	.01	.01	.03	.03	.038	21	.12
5	.03	.04			.02	.02	.02	.04	.06	.07	.08	.06	.06	.06	.05	.06	.04	.04	.03	.03	.02	.01	.01	.01	.039	22	.11
6	.01	.01		.01	.01	.02	.03	.05	.11	.14	.19	.14				.04	.05	.04	.03	.02	.02	.02	.03	.03	.049	20	.24
7	.02	.02		.03	.02	.01	.02	.03	.06	.08	.09	.09	.08	.10	.06	.07	.06	.05	.03	.03	.02	.02	.01	.03	.043	23	.11
8	.03	.02		.03	.02	.02	.02	.04	.09	.08	.08	.07	.06	.06	.06	.05	.05	.04	.02	.03	.02	.02	.02	.02	.039	23	.10
9	.03	.04		.03	.02	.01	.02	.03	.08	.13	.12	.06	.06	.06	.06	.05	.04	.04	.03	.03	.03	.03	.02	.03	.046	23	.19
10*	.05	.04		.03	.02	.01	.02	.03	.07	.09	.10							.04	.04	.02	.02	.02	.02	.03	.037	17	.12
11*	.02	.02		.03	.03	.02	.02	.02	.08	.09	.10	.10	.08	.06	.06	.06	.06	.03	.04	.04	.04	.03	.03	.03	.046	23	.12
12																											
13												.06	.06	.07	.07	.07	.05	.04	.03	.03	.02	.02	.02	.02	.043	13	.08
14	.02	.02		.02	.01	.01	.01	.00	.01	.01	.03	.09	.07	.04	.04	.04	.03	.03	.02	.02	.02	.02	.02	.03	.025	23	.12
15	.04	.03		.03	.03	.02	.01	.01	.01	.02	.03	.03	.04	.02	.02	.01	.02	.02	.02	.02	.02	.02	.02	.01	.021	23	.05
16	.01	.01		.01	.00	.01	.01	.02	.03		.05	.04	.05	.05	.05	.03	.03	.03	.01	.01	.01	.01	.01	.01	.021	22	.08
17*	.01	.02		.01	.00	.01	.01	.03	.09	.04	.05	.06	.06	.05	.05	.06	.05	.05	.02	.01	.01	.01	.01	.01	.031	23	.11
18*	.02	.02		.02	.01	.01	.00	.02	.04	.07	.10	.13	.10	.07			.06	.05	.03	.02	.01	.02	.02	.02	.039	21	.17
19																											
20																											
21	.01	.01		.01	.01	.02	.03	.04	.08	.04	.05	.06	.06	.06	.06	.05									.038	15	.16
22																											
23									.08	.09	.04	.10	.23	.13	.08	.06	.05	.04	.02	.06	.02	.01	.02	.02	.065	16	.27
24*	.02	.02		.02	.01	.01	.02	.02	.05	.09	.05	.04	.04	.04	.04	.04	.03	.03	.02	.01	.01	.03	.03	.03	.029	23	.10
25*	.02	.01		.02	.01	.02	.02	.01	.02	.02	.06	.07	.10	.09			.04	.04	.03	.03	.02	.02	.04	.04	.034	21	.14
26	.03	.03			.01	.01	.02	.03	.04	.04			.09	.06	.05	.04	.03	.03	.03	.02	.02	.02	.02	.02	.031	20	.11
27	.02	.02		.03	.03	.02	.02	.01	.02	.04	.05	.06	.06	.04	.04	.04	.04	.03	.04	.03	.03	.03	.03	.02	.033	23	.07
28	.02	.02		.01	.01	.01	.01	.02	.02	.03	.05	.06	.07	.08	.06	.05	.04	.03	.02	.02	.02	.01	.01	.01	.030	23	.10
29	.01	.02		.01	.01	.01	.01	.02	.04	.07			.04	.04	.03	.03	.02	.02	.03	.01	.03	.04	.04	.05	.028	21	.09
30	.04	.04		.04	.04	.03	.03	.02	.02	.03	.03	.04	.04	.04	.04	.04	.04	.03	.02	.02	.01	.01	.01	.01	.028	23	.05
MEAN	.02	.02		.02	.02	.02	.02	.02	.05	.06	.07	.07	.07	.06	.05	.05	.04	.04	.03	.02	.02	.02	.02	.02	.036		
NO.	22	23		21	23	23	23	23	24	23	22	21	22	22	19	21	23	24	24	24	24	24	24	24		523	
MAX	.05	.04		.04	.04	.03	.03	.05	.11	.14	.19	.14	.23	.13	.08	.07	.07	.06	.04	.06	.04	.04	.04	.05	.065		.27

* Indicates Saturday or Sunday
Local standard time used

TABULATED: THU., MAY 4, 1967

CONTIN: US AIR MONITORING PROGRAM

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

DENVER, COLO.

CONCENTRATION IN PPM

POTASSIUM IODIDE ANALYSIS

TOTAL OXIDANT
OCT. 1966

DAY OF MONTH	AM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	PM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS	5 MIN MAX
1*	.01	.01		.01	.01	.01	.01	.01	.01	.04	.09	.10	.14	.13	.12	.09	.06	.03	.03	.02	.02	.01	.01	.01	.043	23	.18
2*	.01	.01		.02	.01	.01	.01	.02	.03	.04	.05	.05	.05	.05	.05	.03	.02	.02	.01	.02	.03	.02	.02	.02	.026	23	.06
3	.02	.02		.02	.02	.03	.01	.01	.01	.03	.03	.03	.03	.03	.03	.02	.02	.02	.02	.01	.02	.01	.01	.01	.019	23	.05
4	.01	.01		.01	.01	.01	.02	.02	.03			.05	.05	.05	.05	.05	.04	.03	.01	.01	.01	.01	.01	.02	.024	21	.06
5	.01	.02		.01	.02	.01	.02	.03	.04	.07	.16	.19	.18	.16	.11	.10	.09	.06	.03	.02	.03	.03	.01	.02	.062	23	.23
6	.02	.01		.01	.01	.01	.02	.03	.04	.07	.06	.06	.06	.07	.07	.07	.06	.03	.02	.03	.02	.02	.02	.01	.035	23	.10
7	.01	.01		.01	.01	.00	.01	.02	.02	.04	.08	.08	.05	.05	.04	.03	.03	.02	.01	.03	.03	.02	.02	.02	.028	23	.11
8*	.02	.01		.01	.01	.01	.02	.02	.02	.05	.06	.07	.08	.08	.04	.04	.03	.03	.02	.02	.02	.02	.01	.01	.030	23	.09
9*	.01	.01		.01	.01	.02	.02	.03	.04	.04	.05	.07	.08	.10			.07	.03	.03	.02	.02	.01	.01	.02	.032	21	.11
10	.02	.01		.01	.01	.01	.02	.02	.03	.05			.05	.05	.05	.04	.04	.03	.01	.01	.01	.01	.01	.02	.024	21	.07
11	.01	.01		.01	.01	.02	.03	.02	.02	.03	.06	.07	.07	.04	.04	.03	.02	.02	.02	.03	.02	.03	.02	.01	.027	23	.09
12	.03	.03		.02	.01	.02	.02	.03	.06	.09	.07	.06	.06	.05	.04	.03	.03	.02	.01	.02	.02	.02	.01	.01	.032	23	.10
13																											
14												.02	.03	.03	.02	.01	.01	.02	.01	.01	.01	.01	.01	.01	.014	13	.04
15*	.01	.01		.01	.01	.00	.01	.01	.02	.03	.06	.06	.05	.07	.19	.17	.14	.11	.06	.02	.03	.02	.01	.01	.046	23	.23
16*	.01	.01				.01	.01	.02	.02	.03	.04	.05	.03	.03			.04	.03	.01	.01	.02	.01	.02	.01	.021	19	.05
17																											
18																											
19																											
20																											
21																											
22*																											
23*																											
24											.04	.04	.04	.04	.04	.03	.03	.02	.01		.01	.01	.01	.01	.026	13	.05
25	.01	.01				.00	.00	.01	.02		.04	.06	.07	.06			.02	.02	.02	.02	.01	.00			.023	16	.08
26		.01		.01	.00	.00		.01	.01	.02	.04	.04	.04	.04	.06	.03	.02	.00	.01	.01	.01	.00	.01	.01	.018	21	.06
27	.01	.01		.01			.01	.01	.01	.05	.10	.08	.07	.06	.05	.04	.03	.01	.01	.02	.03	.02	.02	.01	.030	21	.12
28	.01	.01		.00	.01	.01	.01	.02	.03	.04	.02	.03	.04	.02	.02	.03			.02	.03	.02	.01	.01	.01	.019	21	.06
29*	.01	.01					.01	.01	.01	.01	.04	.05	.07	.06	.04	.02				.02	.02	.01	.02	.01	.025	17	.08
30*	.02	.03		.02	.03	.02	.02	.02	.02	.04	.07	.05	.05	.05	.05	.04	.03	.03	.03					.01	.032	19	.08
31	.01	.02		.01				.01	.02	.02	.03	.03	.02	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.014	20	.03
MEAN	.01	.01		.01	.01	.01	.02	.02	.02	.04	.06	.06	.06	.06	.05	.05	.04	.03	.02	.02	.02	.01	.01	.01	.029		
NO	20	21		18	16	18	19	21	21	19	20	22	23	23	20	20	21	21	22	21	22	22	21	22		473	
MAX	.03	.03		.02	.03	.03	.03	.03	.06	.09	.16	.19	.18	.16	.19	.17	.14	.11	.06	.03	.03	.03	.02	.02	.062		.23

* Indicates Saturday or Sunday
Local standard time used

TABULATED: THU., MAY 4, 1967

CONTINUOUS AIR MONITORING PROGRAM

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

DENVER, COLO.

CONCENTRATION IN PPM

POTASSIUM IODIDE ANALYSIS

TOTAL OXIDANT
NOV. 1966

DAY OF MONTH	AM 12	1	2	3	4	5	6	7	8	9	10	11	12	PM 12	1	2	3	4	5	6	7	8	9	10	11	12	DAILY MEAN	NO. OF HRS	5 MIN. MAX
1	.01	.01			.01	.00	.01	.01	.01	.01	.03	.06		.06	.05				.02	.01	.01	.01	.02	.01	.01	.00	.017	20	.07
2	.00	.01		.00	.01	.01	.02	.01	.03	.05	.05	.05		.05	.04	.05	.03	.02	.02		.01	.01	.02	.01	.02	.02	.023	23	.06
3	.02	.01		.01	.01	.01	.01	.03	.02	.03	.05	.12		.12	.10	.07	.02	.02	.02		.01	.01	.01	.01	.02	.02	.032	23	.14
4	.03	.03		.01	.01	.02	.02	.02	.02	.02	.03	.03					.02	.02	.01		.02	.02	.01	.00	.01	.00	.017	20	.04
5*	.00	.01		.02	.01	.01	.01	.01	.02	.03	.03	.04		.05	.04	.03	.03	.03	.03		.04	.06	.03	.01	.00	.00	.022	23	.07
6*	.01	.01		.00	.01	.01	.00	.00	.00	.02	.02	.02		.06	.07	.04	.03	.02	.02		.02	.01	.01	.01	.00	.00	.016	23	.09
7																													
8																													
9																													
10	.00	.00		.00	.00	.01	.00	.00	.01	.01	.02	.04		.03	.03	.04	.04	.04	.04		.03	.02	.02	.02	.02	.01	.017	23	.06
11	.02	.01		.01	.01	.01	.01	.01	.01	.01	.01	.01		.01	.01	.01	.01	.02	.01		.01	.01	.01	.01	.01	.01	.011	23	.03
12*	.01	.01		.01	.01	.01	.02	.02	.03	.03	.05	.05		.05	.03	.03	.03	.03	.02		.02	.01	.02	.03	.02	.02	.023	23	.07
13*	.01	.01		.01	.01	.01	.01	.01	.03	.03	.04	.05		.06	.06	.05	.03	.03	.03		.02	.02	.02	.01	.01	.02	.024	23	.06
14	.02	.02		.02	.01	.03	.04	.04	.04			.07		.14	.14	.05	.02	.04	.03		.03	.02	.02	.02	.01		.040	20	.22
15		.01							.02		.02	.04		.07	.07	.05	.02	.01	.02		.03	.02	.01	.01	.01	.01	.027	16	.08
16	.01	.01		.00	.01	.02	.01	.02	.02	.02	.04	.04		.03	.02			.03	.04		.04	.03	.01	.01	.01	.01	.020	21	.09
17	.01	.01		.01	.01	.02	.01	.01	.02	.01	.01	.01		.01	.02	.02	.02	.01	.01		.01	.01	.01	.01	.01	.01	.012	23	.03
18	.01	.01		.01	.01	.01	.02	.02	.02	.02	.03	.04		.06	.07	.06	.05	.04	.02		.02	.03	.02	.01	.01	.02	.026	23	.09
19*	.01	.01			.01	.01	.03	.03	.01	.01	.04	.07		.10			.03	.02	.02		.03	.04	.03	.02	.00	.02	.025	20	.13
20*	.01	.01			.01	.01	.01	.01	.01	.01	.02							.03	.03		.01	.01	.01	.01	.01	.01	.011	17	.04
21	.01	.01			.02	.02	.02	.01	.02	.03	.07	.09		.05	.06	.05	.03	.02	.01		.01	.01	.01	.01	.00	.00	.029	22	.13
22		.00		.01	.01	.01	.01	.01	.01	.02	.04	.04		.03	.04	.04	.03	.03	.03		.02	.03	.03	.02	.01		.022	21	.05
23																													
24																													
25																													
26*																													
27*																													
28					.01	.01				.02	.04						.03	.02	.03		.03	.01	.01	.01	.01	.01	.019	13	.06
29	.01	.01		.01	.01	.02	.02	.02	.03	.04	.03	.02		.03	.03	.03	.03	.03	.02		.03	.03	.03	.03	.03	.03	.025	23	.06
30	.02	.02			.01	.02	.02	.03	.03	.03	.04	.06		.07	.06	.05	.03	.03	.02		.02	.01	.02	.02	.02	.02	.029	22	.08
MEAN	.01	.01			.01	.01	.01	.02	.02	.02	.03	.05		.06	.05	.04	.03	.02	.02		.02	.02	.02	.01	.01	.01	.022		
NO	19	21		15	21	21	20	20	21	20	21	20		19	18	16	19	22	22		22	22	22	22	22	20		465	
MAX	.03	.03		.02	.02	.03	.04	.04	.04	.05	.07	.12		.14	.14	.07	.05	.04	.05		.04	.06	.03	.03	.03	.03	.040		.22

* Indicates Saturday or Sunday
Local standard time used

TABULATED THU., MAY 4, 1967

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

DENVER, COLO.

CONCENTRATION IN PPM

POTASSIUM IODIDE ANALYSIS

TOTAL OXIDANT
DEC. 1966

DAY OF MONTH	AM 12	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	PM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS.	5 MIN. MAX.
1	.03	.01			.01	.01	.01	.01	.02	.01						.01	.01	.01	.01		.01	.01	.01	.01	.012	16	.03
2	.01	.01			.01	.01	.01	.01	.02	.01	.02	.02	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.02	.01	.012	22	.03
3*	.01	.00		.00	.00	.00	.00		.01		.01	.01	.00	.01	.00	.00	.00	.00					.01	.01	.004	17	.02
4*																											
5							.02				.05	.05	.08	.04	.03	.02	.02	.02	.02	.02	.02	.04	.04	.03	.033	15	.10
6	.03	.03		.02	.02	.02		.02	.02	.02	.02	.02	.03	.03			.03	.02	.02	.03	.03	.02	.02	.03	.023	20	.06
7	.02	.02			.02	.02	.02	.02	.02				.04	.04	.04	.03	.02	.01	.01	.01	.01	.01	.01	.01	.020	19	.06
8	.01	.01		.01	.01	.01	.01	.01	.01	.02	.03	.04	.04	.04	.03	.03	.01	.02	.03	.03	.02	.03	.03	.03	.022	23	.04
9	.03	.04		.04	.03	.02	.02	.02	.02	.02	.03	.03	.03	.03	.03	.03	.02	.01	.01	.00	.00	.01	.01	.00	.020	23	.04
10*	.01	.01		.00	.01	.01	.00	.01	.02	.02				.05		.04	.02	.02	.01	.01	.02	.02	.01	.01	.015	19	.07
11*	.01	.02		.01	.01	.01	.01	.01	.01	.02	.03		.05	.04	.04	.04	.03	.01	.02	.02	.01	.01	.00	.01	.019	22	.05
12																											
13																											
14	.02	.02		.02	.01	.01	.01	.01	.02	.02	.02	.02	.02	.02	.01	.01	.01	.01	.01	.01	.02	.02	.02	.01	.014	23	.04
15	.01								.01	.01	.03	.03	.04	.04			.02	.01	.01	.01	.01	.01	.01	.00	.017	15	.04
16	.01	.02		.01	.01	.01	.00	.00	.00	.01	.02	.02	.05	.04	.03	.02	.01	.01	.01	.02	.01	.01	.00	.00	.014	23	.07
17*	.01	.01		.01	.01	.02	.02	.01	.01	.02	.04	.04					.02	.02	.02			.01	.01	.01	.016	17	.06
18*		.01		.01	.01	.01	.02	.02	.02	.02	.04	.05	.04	.03	.03	.02	.01	.02	.02	.01	.00	.00	.01	.01	.019	22	.05
19	.01	.01		.02	.02	.01	.01	.01	.01	.02	.02	.03	.03	.05	.03	.03	.02	.02	.01	.01	.01	.01	.01	.01	.017	23	.06
20	.01	.02		.02	.01	.01	.01	.01	.01	.01	.02	.04	.03	.04	.03	.01	.01	.01	.01	.00	.00	.00	.01	.00	.013	23	.05
21	.01	.01		.00	.00	.00	.00	.00	.01	.01	.02	.02	.03	.02	.02	.01	.01	.01	.01	.01	.00	.00	.01	.01	.010	23	.04
22																											
23																											
24*											.01	.02	.04	.05	.05	.02	.00	.00	.00	.00	.00	.00	.01	.01	.015	14	.08
25*	.01	.01		.00	.00	.01	.00	.00	.01	.00	.01	.00	.00	.01			.00	.00	.00	.00	.00	.00	.00	.00	.003	21	.02
26	.00	.00			.00	.00	.00	.00	.00	.00	.00	.01	.02	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.00	.005	22	.02
27	.01	.01		.01	.01	.01	.01	.01	.01	.01	.02	.02	.03	.03	.01	.01	.01	.00	.00	.01	.00	.00	.00	.01	.010	23	.03
28	.01	.01		.00	.01	.01	.00	.00	.00	.00			.02	.04	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.006	21	.03
29	.00	.00		.00	.00						.01	.01	.02	.02	.02	.02	.01	.01	.01	.01	.00	.01	.00	.00	.008	18	.04
30	.01	.01		.01	.00	.00	.00	.01	.01	.00	.01	.02	.04	.04	.03	.02	.01	.01	.01	.01	.01	.01	.00	.00	.012	23	.06
31*	.00	.00		.00	.00	.01	.01	.01	.03	.03	.03	.03	.03	.04	.04	.03	.02	.02	.02	.02	.01	.01	.00	.00	.017	23	.04
MEAN	.01	.01		.01	.01	.01	.01	.01	.01	.01	.02	.02	.03	.03	.03	.02	.01	.01	.01	.01	.01	.01	.01	.01	.014		
NO	23	23		19	23	22	22	21	23	21	22	21	23	24	20	22	26	26	25	23	24	25	26	26		530	
MAX	.03	.04		.04	.03	.02	.02	.02	.03	.03	.05	.05	.08	.05	.05	.04	.03	.02	.03	.03	.03	.04	.04	.03	.033		.10

* Indicates Saturday or Sunday
Local standard time used

TABULATED THU., MAY 4, 1967

B-79

NATIONAL AIR SURVEILLANCE NETWORKS

CONTINUOUS AIR MONITORING PROGRAM

1966 DATA TABULATIONS AND SUMMARIES

PHILADELPHIA

Air Quality and Emissions Data Branch
National Center for Air Pollution Control

Bureau of Disease Prevention and Environmental Control
Public Health Service
U.S. Department of Health, Education, and Welfare

The Continuous Air Monitoring Program is the National Air Surveillance Network which operates six continuous monitoring stations in major cities throughout the country. The data tabulations in this booklet are summaries of hourly concentrations of gaseous pollutants and 2-hourly summaries of soiling index levels in Philadelphia during 1966. Also enclosed is a brief summary of monthly means and maxima in Philadelphia, and annual frequency distributions of data from all stations.

Booklets of 1966 data summaries for Chicago, Cincinnati, Denver, St. Louis, and Washington D.C. are available. Similar data summaries have been or shortly will be published along with various analyses and interpretive material, for previous years' operations. Analyses of 1966 data will be published in the 1966 Annual Report of all National Air Surveillance Activities.

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Frequency Distributions of Soiling Index	5
Data Tables	6
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Sulfur Dioxide	44
Total Hydrocarbon	56
Total Oxidant	68
Soiling Index	80

NATIONAL AIR SURVEILLANCE NETWORKS
THE CONTINUOUS AIR MONITORING PROGRAM

MONTHLY MEAN AND MAXIMA SUMMARY

PHILADELPHIA

Month	Days Valid Data	Mo. Avg. Conc.	Max. 24 Hr. Conc. Conc.	Day	Max. Hrly. Avg. Conc. Conc.	Day	Hr.	Max. 5 Min. Inst. Conc. Conc.	Day	Time
CARBON MONOXIDE										
Jan	31	5.8 ppm	7 ppm	28	11 ppm	5	17	18 ppm	5	1730
Feb	28	6.8	13	9	21	9	01	22	9	0045
Mar	31	6.4	11	3	16	3	07	19	3	0730
Apr	30	6.7	11	30	14	10	23	16	28	1710
May	31	6.2	10	11	16	3	06	18	3	0645
June	30	4.7	7	6	12	16	00	17	13	2045
July	31	5.5	8	26	13	29	07	17	17	1345
Aug	31	8.1	11	15	21	29	06	26	29	0655
Sept	30	7.8	11	18	20	18	03	31	28	1620
Oct	31	10.0	20	23	40	23	18	47	28	1915
Nov	25	8.4	12	5	18	4	17	28	2	1715
Dec	31	5.2	8	1	22	9	12	36	20	1635
Year	360	6.8	20		40			47		
NITRIC OXIDE										
Jan	31	0.057 ppm	0.18 ppm	5	0.29 ppm	5	11	0.31 ppm	5	1135
Feb	27	0.089	0.38	9	0.90	9	01	0.92	9	0135
Mar	31	0.058	0.25	3	0.72	3	07	0.85	3	0755
Apr	30	0.049	0.09	25	0.23	10	23	0.28	6	2200
May	31	0.036	0.11	5	0.39	3	06	0.42	3	0625
June	30	0.028	0.07	16	0.32	16	00	0.46	16	0120
July	22	0.018	0.04	26	0.18	3	01	0.28	3	0100
Aug	30	0.033	0.14	29	0.43	6	02	0.53	18	0715
Sept	30	0.048	0.11	27	0.52	18	03	0.58	18	0325
Oct	28	0.087	0.35	28	1.05	28	23	1.15	28	2205
Nov	24	0.106	0.48	25	1.87	22	20	1.98	22	2015
Dec	30	0.086	0.19	17	0.53	16	07	0.61	16	0720
Year	344	0.057	0.48		1.87			1.98		
NITROGEN DIOXIDE										
Jan	30	0.025 ppm	0.05 ppm	5	0.12 ppm	5	11	0.13 ppm	5	1050
Feb	27	0.030	0.07	9	0.10	2	16	0.14	2	1605
Mar	31	0.030	0.07	11	0.12	11	17	0.12	11	1315
Apr	29	0.032	0.06	18	0.07	7	08	0.08	17	1050
May	31	0.041	0.07	25	0.15	25	10	0.18	25	1045
June	30	0.046	0.07	5	0.13	4	23	0.14	4	2345
July	31	0.043	0.06	22	0.14	29	16	0.16	29	1615
Aug	31	0.053	0.08	19	0.18	5	19	0.21	18	0740
Sept	29	0.038	0.08	18	0.23	18	09	0.29	18	1325
Oct	28	0.043	0.10	28	0.17	28	22	0.19	3	0955
Nov	25	0.044	0.09	25	0.17	24	23	0.18	24	2315
Dec	30	0.039	0.07	17	0.14	17	10	0.18	17	1045
Year	352	0.039	0.10		0.23			0.29		

Month	Days Valid Data	Mo. Avg. Conc.	Max. 24 Hr. Conc. Conc.	Day	Max. Hrly. Avg. Conc. Conc.	Day	Hr.	Max. 5 Min. Inst. Conc. Conc.	Day	Time
SULFUR DIOXIDE										
Jan	21	0.071 ppm	0.29 ppm	5	0.51 ppm	5	1100	0.64 ppm	1	0915
Feb	19	0.100	0.21	18	0.58	18	0900	0.61	18	0900
Mar	25	0.078	0.26	4	0.58	18	0700	0.69	18	0700
Apr	30	0.105	0.26	18	0.56	18	0300	0.68	7	2355
May	31	0.081	0.23	6	0.52	6	0200	0.55	6	0230
June	25	0.124	0.26	20	0.66	21	0000	0.78	21	0000
July	30	0.071	0.19	19	0.35	19	1000	0.37	29	0915
Aug	31	0.076	0.23	30	0.66	30	0000	0.75	30	0000
Sept	26	0.061	0.14	27	0.50	27	0300	0.56	27	0300
Oct	31	0.102	0.19	22	0.66	4	2200	0.78	4	2200
Nov	28	0.115	0.27	22	0.64	25	0000	0.78	25	0000
Dec	31	0.110	0.35	17	0.72	17	1200	0.87	17	1200
Year	328	0.091	0.35		0.72			0.87		
TOTAL HYDROCARBON										
Jan	29	2.11 ppm	3.5 ppm	5	5.8 ppm	19	1400	8.2 ppm	19	1410
Feb	16	2.73	4.9	12	11.0	12	0300	11.4	12	0300
Mar	29	2.12	3.2	3	8.5	1	1500	8.8	1	1500
Apr	24	2.58	3.4	21	7.2	21	1500	9.9	21	1545
May	31	2.41	3.7	26	11.6	12	1100	14.4	15	1135
June	25	2.30	3.4	16	6.2	16	0600	6.6	15	2335
July	28	2.25	2.7	22	4.4	3	0130	5.1	22	0050
Aug	18	2.26	3.0	29	6.3	6	0230	9.0	30	0115
Sept	30	2.50	4.4	18	8.1	18	0330	8.6	18	0330
Oct	31	2.92	5.1	28	10.5	28	1900	11.7	3	0015
Nov	29	2.81	4.9	25	9.4	25	0900	14.1	15	1940
Dec	31	2.53	4.4	8	6.9	8	1700	14.2	30	1625
Year	321	2.46	5.1		11.6			14.4		
TOTAL OXIDANT										
Jan	31	b ppm	0.02 ppm	23	0.03 ppm	7	1400	0.05 ppm	26	1520
Feb	26	b	0.03*	28	0.07*	2	1600	0.09*	2	1650
Mar	31	b	0.03*	12	0.07*	4	1400	0.09*	9	1135
Apr	28	b	0.03	22	0.06*	21	1200	0.08*	21	2300
May	18	0.027	0.04	15	0.08	15	1400	0.11	15	1445
June	27	0.046	0.08	4	0.16	27	1200	0.13	27	1240
July	21	0.059	0.09	2	0.10	17	1400	0.21*	17	1400
Aug	27	0.049	0.15	6	0.33	6	1200	0.33	6	1150
Sept	26	0.027	0.05	19	0.14	3	1400	0.15	3	1525
Oct	26	b	0.05*	9	0.11*	9	1100	0.15*	9	1135
Nov	24	b	0.04*	1	0.06*	1	1400	0.09*	1	1435
Dec	30	b	b		0.08*	6	1400	0.11*	6	1430
Year	315	b	0.15		0.33			0.38		

*Excluding higher levels occurring before 1100 or after 1655

aAverage not calculated because of insufficient or poorly distributed data

bAverage not reported because of undue influence from non-photochemical high levels

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CONTINUOUS AIR MONITORING PROGRAM

FREQUENCY DISTRIBUTION OF CONCENTRATION OF GASEOUS ATMOSPHERIC POLLUTANTS

(FIVE MINUTE DATA VALUES)

JAN. 01,1966 TO DEC. 31,1966

(CONCENTRATION IN PPM)

	% VALID DATA	MIN	FREQUENCY DISTRIBUTION-PERCENT 10	30	50	70	90	95	98	99	MAX	ARITH MEAN
CINCINNATI												
CARBON MONOXIDE	74	0	2	3	5	6	8	9	11	13	32	4.9
NITRIC OXIDE	66	.00	.00	.01	.02	.04	.10	.16	.25	.33	1.18	.041
NITROGEN DIOXIDE	75	.00	.02	.03	.03	.04	.06	.07	.09	.10	.30	.035
SULFUR DIOXIDE	82	.00	.00	.01	.02	.03	.07	.09	.13	.18	.70	.031
HYDROCARBON	51	.4	1.8	2.1	2.3	2.7	4.1	4.9	6.0	6.6	12.8	2.67
TOTAL OXIDANT	51	.00	.01	.01	.02	.03	.04	.05	.07	.08	.11*	.021
CHICAGO												
CARBON MONOXIDE	57	0	5	9	11	15	21	25	30	33	65	12.5
NITRIC OXIDE	74	.00	.02	.05	.09	.13	.20	.24	.31	.37	.74	.101
NITROGEN DIOXIDE	77	.00	.03	.04	.05	.06	.09	.11	.13	.15	.35	.036
SULFUR DIOXIDE	70	.00	.00	.01	.03	.09	.25	.34	.48	.57	1.14	.034
HYDROCARBON	73	.0	1.7	2.2	2.6	3.0	4.0	4.7	5.8	6.4	14.9	2.73
TOTAL OXIDANT	58	.00	.00	.01	.02	.03	.04	.05	.07	.08	.23	.020
PHILADELPHIA												
CARBON MONOXIDE	97	0	3	5	6	8	11	12	15	17	47	6.7
NITRIC OXIDE	86	.00	.01	.02	.03	.06	.13	.18	.29	.42	1.98	.059
NITROGEN DIOXIDE	88	.00	.02	.03	.03	.04	.07	.08	.10	.11	.29	.038
SULFUR DIOXIDE	85	.00	.02	.04	.06	.10	.21	.28	.37	.44	.87	.091
HYDROCARBON	84	.0	1.7	2.0	2.2	2.6	3.5	4.2	5.3	6.3	14.4	2.46
TOTAL OXIDANT	76	.00	.01	.02	.02	.04	.07	.09	.12	.15	.38*	.032
DENVER												
CARBON MONOXIDE	84	0	2	5	7	9	14	17	22	27	63	7.8
NITRIC OXIDE	82	.00	.00	.01	.02	.04	.09	.14	.20	.26	.59	.038
NITROGEN DIOXIDE	87	.00	.02	.02	.03	.04	.05	.06	.09	.10	.35	.034
SULFUR DIOXIDE	92	.00	.00	.00	.01	.01	.02	.03	.05	.07	.96	.011
HYDROCARBON	84	.5	1.5	1.7	2.0	2.5	3.7	4.6	5.9	7.1	19.1	2.38
TOTAL OXIDANT	75	.00	.01	.01	.02	.04	.06	.07	.10	.12	.27*	.029
ST. LOUIS												
CARBON MONOXIDE	88	0	2	4	5	7	10	13	16	19	68	5.7
NITRIC OXIDE	78	.00	.00	.01	.02	.04	.08	.12	.17	.22	.61	.032
NITROGEN DIOXIDE	82	.00	.01	.02	.03	.04	.06	.07	.08	.09	.21	.034
SULFUR DIOXIDE	72	.00	.00	.01	.03	.05	.10	.14	.17	.23	1.25	.042
HYDROCARBON	81	.0	2.0	2.4	2.8	3.3	4.4	5.3	6.4	7.2	14.3	3.02
TOTAL OXIDANT	70	.00	.01	.02	.03	.05	.07	.08	.10	.11	.25	.036
WASHINGTON D.C.												
CARBON MONOXIDE	90	0	1	2	3	4	6	7	10	14	47	3.2
NITRIC OXIDE	85	.00	.00	.01	.02	.03	.08	.14	.25	.35	1.15	.036
NITROGEN DIOXIDE	72	.00	.02	.03	.03	.04	.06	.07	.08	.09	.19	.035
SULFUR DIOXIDE	68	.00	.01	.02	.03	.05	.09	.12	.17	.21	.47	.044
HYDROCARBON	89	.0	1.8	2.0	2.2	2.4	2.9	3.6	4.8	6.2	14.5	2.37
TOTAL OXIDANT	79	.00	.01	.01	.02	.03	.06	.07	.10	.11	.17*	.026

*Excluding higher levels occuring before 1100 or after 1655

CONTINUOUS AIR MONITORING PROGRAM

FREQUENCY DISTRIBUTIONS OF SOILING INDEX

2 HR MEASUREMENTS

ANNUAL 1966 (JANUARY 1 TO DECEMBER 31)

COHS/1000 LIN. FT.

CITY	VALID DATA*	FREQUENCY DISTRIBUTION-PERCENT										ARITH MEAN
		MIN	10	30	50	70	90	95	98	99	MAX	
CHICAGO	70	.0	.7	1.2	1.8	2.7	4.4	5.5	7.1	8.7	16.4	2.29
CINCINNATI	80	.0	.3	.7	1.0	1.4	2.3	2.8	3.6	4.1	8.5	1.18
PHILADELPHIA	60	.0	.2	.4	.7	1.0	2.0	2.8	3.9	4.9	11.2	.96
ST LOUIS	90	.0	.4	.7	1.0	1.3	2.2	2.7	3.6	4.4	13.1	1.18
WASHINGTON, D C	95	.0	.2	.4	.7	1.1	1.9	2.5	3.3	4.0	11.1	.92

* REPORTED TO NEAREST FIVE PERCENT

VALUES GREATER THAN 6.0 UNDERESTIMATE ACTUAL VALUE

DATA TABLES

GASEOUS POLLUTANTS

The first 72 data tables present hourly average concentrations by month for the gaseous pollutants. Values in these tables are the arithmetic means of the 5-minute values in the clock hour indicated. An average is not calculated if the hour is considered an invalid data hour, i.e., if fewer than seven 5-minute values were valid. Similarly, if a calendar day had fewer than 13 valid data hours, it is considered an invalid data day and the entire row of averages for that day is deleted. The reason for this procedure, which results in the loss of a few valid hourly averages, is that the data that are thus lost are usually concentrated at the beginning or end of the day. Since pollutant concentrations show considerable diurnal variation, the inclusion of data for such days would introduce a definite bias into the monthly mean concentrations.

The first summary line at the bottom of the tables (titled MEAN) contains the arithmetic means of the hourly averages, and hence represents the pattern of diurnal variation for the month. Again by the same validity criterion, this average is not calculated unless 16 or more hourly averages are present. The second and third summary lines are the number of and maximum of the hourly averages in the column.

The first summary column at the right of the tables (titled DAILY MEAN) is the arithmetic mean* of the 13 or more hourly averages comprising the row, and the second is the number of such valid hourly averages. The third summary column, however, is not the maximum hourly average for the day, but the maximum 5-minute value included in the hours of valid data during the day.

Four summary figures appear in the lower right corner. The upper left is the monthly average, an arithmetic mean, and appears only if 16 or more days were valid (a valid data month). The center number is the total number of valid hours included in the table, which offers some basis for judging the representativeness of the monthly average. The lower left summary number is the maximum daily average from the column above. The lower right number is the maximum 5-minute value from the column above.

SOILING INDEX

The last 12 tables present soiling index values at the CAMP station by month. Each value was obtained from a 2-hour integrated sample beginning

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*The summary calculations are performed before the hourly averages are rounded.

at the time indicated in the column heading. A missing value indicated that the sample was not taken or was invalid because of instrument malfunction.

The first summary line (titled MONTHLY MEAN) represents the arithmetic mean of the 2-hour average values in the column, and is calculated only if 16 or more days are represented. The first summary column (titled DAILY MEAN) is the arithmetic mean of the 2-hour values for the day; if fewer than seven such values are present, the daily mean is not calculated, and the data are not included in the summaries, but the component 2-hour values for the day are not deleted from the table as is done with the data on gaseous pollutants.

The other summary columns and rows are the number of and maximum of the respective 2-hour values. Four summary figures appear in the lower right corner; the mean and maximum value for the month are the upper left and lower right figures respectively, while the center figure is the total number of values. The lower left summary number is the maximum daily average from the column above.

CONTINUOUS AIR MONITORING PROGRAM

HOURLY AVERAGES OF
GASEOUS POLLUTANT CONCENTRATIONS

PHILADELPHIA, PA.

CARBON MONOXIDE
JAN. 1966

CONCENTRATION IN PPM
INFRARED ANALYSIS

DAY	AM 1	2	3	4	5	6	7	8	9	10	11	12	PM 12	1	2	3	4	5	6	7	8	9	10	11	12			
1*		5	4		5	5	5	5	6	6	7	6	6	7	7	7	8	7	7	8	8	7	7	7	6.5	24	10
2*	7	5	4	5	5	5	5	5	5	6	6	6	5	5	6	6	7	6	6	6	6	5	6	5	5.5	24	8
3	5	5	4	5	5	5	4	7	9	9	7	7	8	8	6	6	7	8	7	6	5	6	5	6	6.3	24	13
4		5		5	4	5			8	6	5	4	4	5	5	6	7	9	7	7	6	7	7	6	5.8	24	10
5		5	5		5	5	5	5	10	8	7	7	6	5	6		9	11	8	8	7	7	7	7	7.0	23	18
6	7	5	4		4	5	4	4	7	7	5	5	6	5	6	6	7	9	7	6	6	6	7	6	6.4	24	12
7	5	5	4	5	5	5	4	7	8	7	5	5	5	5	5	5	6	7	7	6	6	6	6	6	5.9	24	9
8*	5	5	5	4	4	4	4	4	5	5	4	4	4	5	5	4	4	5	5	5	5	5	5	5	4.7	24	7
9*	5	5	5		5	5	5	5	5	5	5	5	5	5	5	5	5	7	7	7	6	6	6	5	5.3	24	
10	5	5	5	5	4	5	4	4	4	7	6	5	4	5	5	5	6	9	9	7	6	6	5	5	5.6	24	10
11	5	5	4			4	4	4	5	5	5	5	4	5	5	5	5	8	7	6	5	5	5	5	5.0	24	9
12	5	5	4	4	4	4	4	4	6	6	4			5	4		7	9	8	8	8	7	7	7	5.7	21	11
13	6	6	6	6	6	6	4	8	8	8	8	7	6		6	5	7	7	7	6	6	6	5	5	6.5	23	10
14	5	5	5	5	4	5	5	6	6	5	4	5	5	5	5	5	8	8	8	7	7	8	8	7	5.8	24	13
15*	7	5	5	5	5	5	6	7	8	7	7	7	5	5	5	5	5	7	7	7	7	6	5	5	5.9	24	9
16*	5	5	4	4	4	4	4	4	4	5	5	5	5	5	5	5	5	6	5	5	5	5	5	5	4.7	24	7
17	5	5	4	4	4	4	4	5	5	5	4	4	5	5	5	4	6	8	7	5	5	4	4	4	4.8	24	9
18	4	4	4	3	3	4	4	5	5	6	5	5	5	4	5	5	6	7	6	6	6	5	5	5	4.8	24	8
19	5	4	4	4	4	3	4	5	5	5	5	5	5	5		8	8	9	7	7	6	6	5	6	5.5	23	11
20	5	5	5	5	5	5	5	5	5	7	6	5	6	5	6	6	6	7	6	5	6	6	5	5	5.6	24	9
21	5	5	5	4	4	4	5	5	6	6	6	6	6	7	8	7	7	9	8	7	7	7	7	7	6.2	24	11
22*	8	7	7	7	7	7	6	6	6	7	6	6	5	5	5	5	5	6	5	5	5	5	5	5	5.8	24	8
23*	4	4	4	4	4	3	3	4	4	4	4	5	4	5	5	5	5	5	5	5	5	5	5	5	4.3	24	6
24	4	4	4	4	4	4	4	5	5	6	5	5	4	5	4	5	6	6	6	5	5	5	5	5	4.8	24	9
25	5	5	4	4	4	4	5	5	6	6	5	5	5	5	6	7	7	9	8	7	6	6	6	6	5.7	24	10
26	5	5	5	5	4	5	5	5	7	7	6	7	7	7	8			11	10	8	7	7	6	7	6.5	22	12
27	7	5	5	6	5	6	5	5	7	7	7	6	6	6	6	6	7	9	8	7	7	6	6	7	6.5	24	12
28	7	6	6	6	6	6	6	8	8	8	8	7	7	7	7	7	8	11	10	9	8	8	7	7	7.3	24	12
29*	7	7	7	7	6	6	7	7	7	8	7	7	6	6	6	7	8	9	8	8	8	8	8	8	7.1	24	10
30*	7	7	7	6	6	6	6	6	6	6	6	6	6	7	6	6	6	6	6	6	6	6	6	6	6.2	24	8
31	6	6	6	6	6	6	6	6	6	7	7	7	6	6	6	7	6	7	7	6	6	6	6	6	6.3	24	9
MAX	8	5	5	5	5	5	5	5	6	6	6	6	5	5	6	6	6	8	7	6	6	6	6	6	5.8		
N	31	31	31	31	31	31	31	31	31	31	31	30	30	30	30	28	30	31	31	31	31	31	31	31		736	
MIN	8	7	7	7	7	7	7	7	9	10	9	8	7	8	8	8	8	9	11	10	9	8	8	8	7.3		18

SAT., APR. 22, 1967

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CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONCENTRATION IN PPM
INFRARED ANALYSIS

PHILADELPHIA, PA.

CARBON MONOXIDE
FEB. 1966

DAY OF MONTH	AM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	PM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS	5-MIN MAX
1	6	7	6	6	6	6	6	7	8	9	8	7	7	7	7	7	7	9	8	8	7	7	7	8	7.0	24	10
2	8	7	7	7	7	6	6	7	7	9	8	8	8	9	9			11	11	10	9	8	8	8	8.0	22	12
3	8	7	7	6	6	6	7	7	7	8	8	9	8	9	10	10	10	10	9	9	9	8	8	8	8.1	24	11
4	8	8	7	7	6	6	7	7	8	10	9	8	8	8	7	8	8	9	8	8	8	7	7	7	7.6	24	11
5*	7	7	6	6	6	6	6	5	6	6	5	5	5	5	5	5	5	7	7	7	7	7	7	7	5.9	24	8
6*	7	7	6	6	6	6	6	6	6	6	5	6	5	5	6	6	6	6	7	7	7	7	7	7	6.1	24	8
7	7	6	6	6	6	6	6	7	8	10	10	9	9	9	9	10	11	13	12	12	11	10	10	9	8.7	24	14
8	9	9	8	8	7	7	7	8	9	9	9	9	9		9	10	10	13	14	15	15	16	15	19	10.6	23	20
9	20	21	19	19	17	17	17	16	17	17	14	12	10	9	9	9	9	10	10	9	8	7	7	6	12.8	24	22
10	6	6	6	5	5	5	5	6	7	8	7	8	8	8	9	9	9	9	9	8	6	6	6	6	6.9	24	10
11	6	6	5	5	5	7	8	8	9	9	9	9	9	9	9	9	9	13	11	10	12	14	13	15	9.1	24	16
12*	14	15	15	14	14	13	12	12	14	13	11	10	8	8	8	7	7	8	8	8	8	8	7	7	10.3	24	18
13*	7	7	6	6	6	6	5	5	5	4	5	5	5	5	7	7	6	6	7	6	5	5	5	4	5.6	24	9
14	3	4	4	4	3	4	4	5	7	7	8	7	8	8	8	8	8	10	10	9	9	9	9	12	6.9	24	13
15	10	9	8	7	6	6	6	6	7	7	6	7	6	7		6	7	8	7	6	6	5	5	5	6.6	23	12
16	5	5	4	4	4	4	5	5	6	7	6	6	6	6	6	8	9	11	11	11	10	8	8	7	6.8	24	15
17	6	5	5	5	5	4	4	5	5	6	5	5	6	6	7	6	6	6	6	5	5	5	5	6	5.3	24	7
18	6	5	5	5	4	4	5	6	8	8	8	8	7	8	7	7	7	8	7	6	6	5	5	5	6.2	24	10
19*	6	5	4	4	5	5	5	5	6	5	4	5	5	5	6	6	6	6	5	5	5	5	5	5	5.1	24	6
20*	5	5	5	5	4	5	4	4	4	4	3	4	4	4	6	6	6	6	6	5	5	5	5	5	4.7	24	7
21	5	4	4	4	4	4	4	5	5	6	7	6	6	6	6	5	5	7	7	6	6	5	5	6	5.3	24	8
22	5	5	5	5	5	4	5	5	5	5	5	6	6	6	5	4	3	4	5	5	5	5	5	4	4.8	24	7
23	5	4	4	4	4	4	4	5	6	6	5	6	6	7	7	7	7	7	6	6	6	6	5	5	5.5	24	9
24	5	5	5	5	5	5	5	6	7	8	7	7	7	7				13	12	11	9	8	8	8	7.2	21	14
25	8	7	7	6	6	6	6	7	7	7	7	7	7	7	6	6	7	7	6	6	6	6	6	6	6.6	24	9
26*	7	6	6	6	6	5	5	5	6	5	5	5	4	4	5	3	3	3	4	4	4	4	4	3	4.6	24	7
27	4	4	3	3	2	3	3	2	3	2	3	5	6	6	6	5	5	5	5	5	5	4	4	5	3.9	24	7
28	4	4	4	2	2	2	3	3	4	5	4	5	5	5	5	5	7	9	8	6	5	4	3	2	4.4	24	10
MEAN	7	7	6	6	6	6	6	6	7	7	7	7	7	7	7	7	7	8	8	7	7	7	7	7	6.8		
NO.	28	28	28	28	28	28	28	28	28	28	28	28	28	27	26	26	26	28	28	23	28	28	28	28		665	
MAX	20	21	19	19	17	17	17	16	17	17	14	12	10	9	10	10	11	13	14	15	15	16	15	19	12.8		22

* Indicates Saturday or Sunday
Local standard time used

TABULATED DAT.. APR. 22. 1967

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONCENTRATION IN PPM
INFRARED ANALYSIS

PHILADELPHIA, PA.

CARBON MONOXIDE
MARCH 1966

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS	5-MIN MAX
1	2	1	1	1	0	1	2	3	3	4	3	4	3	4	4	3	1	2	2			6	5	5	2.6	22	6
2	5	5	4	4	4	4	5	9	5	4	5	6	5	6	8	7		9	9	8	8	8	8	8	6.1	23	13
3	7	8	9	11	9	8	11	14	13	14	12	11	11	11	11	11	11	13	11	10	11	10	10	10	10.7	24	19
4	9	8	6	6	6	6	6	7	8	8	8	9	10	10	11	13	11	10	9	8	8	7	7	7	8.2	24	16
5*	7	6	6	5	4	5	9	7	6	10	8	6	4	4	3	3	4	4	4	4	4	4	4	4	5.1	24	11
6*	4	4	4	4	4	4	4	4	3	4	4	5	5	4	3	4	4	7	8	7	6	6	5	5	4.6	24	9
7	6	5	5	4	4	5	5	6	8	6	5	4	4	3	5	6	7	9	8	8	7	7	7	7	5.9	24	10
8	7	7	6	6	6	6	6	7	8	9		4	5	4	4	4	4	6	9	9	7	7	6	7	6.1	23	11
9	7	6	6	6	6	5	6	8	10	9			7	7	7	7	8	10	12	11	10	10	10	12	8.1	22	14
10	12	11	11	10	10	10	11	13	14	10	8	7	7	8	8				11	10	9	7	7	7	9.5	21	14
11	7	6	5	4	3	4	4	5	6	8	8	9	10	11	12	11		11	10	9	8	7	6	5	7.3	23	13
12*	4	3	3	2	2	2	2	2	3	3	3	3	4	4	5			5	5	5	4	3	3	3	3.3	22	5
13*	3	2	2	2	1	1	1	1	1	2	2	2	2		6	7	7	6	5	5	5	4	4	3	3.2	23	8
14	3	3	2	2	2	3	3	4	4	5	6	6	7	8	8	7	7	9	8	7	6	6	6	6	5.3	24	10
15	6	5	5	5	5	5	5	7	7	7	7	8	3	2	2	3	3	4	3	5	7	8	6	6	5.2	24	9
16	5	5	5	5	5	6	6	8	8	6	4							7	8	9	11	11	9	9	7.0	18	12
17	9	8	8	8	8	8	9	10	10	8	7	7	6	7	7	6	6	7	6	7	10	9	8	9	7.8	24	12
18	8	9	9	9	9	8	8	9	10	7	6	6	6	6	8	7		6	6	5	5	5	5	6	7.2	23	11
19*	7	7	7	6	7	6	7	6	5	5	4	4	3	4			4	4	4	4	5	8	7	8	5.6	22	8
20*	6	7	6	6	7	5	6	5	4	4	4	4	4	4	6	5	5	5	5	8	11	9	9	9	6.0	24	12
21	8	7	6	6	7	6	6	8	7	6	5	5	6	6	5	6	6	7	7	6	7	10	9	9	6.7	24	12
22	9	9	11	11	10	10	10	8	8	6		5	6	7	8	9	8	9	10	12	9	8	8	7	8.6	23	15
23	6	6	5	6	8	8	8	10	10	7	6	6	7	6	6	9	8	9	8	7	6	6	5	6	7.0	24	11
24	5	5	4	4	4	4	5	7	9	7	6	6	7	6	6	7	6	7	7	8	7	8	6	6	6.2	24	10
25	6	6	5	5	5	6	6	7	7	6	5	5	5	5	5	5	5	7	8	9	8	8	7	8	6.2	24	10
26*	7	7	7	6	6	6	7	8	7	5	5	5	5	4	4	4	5	5	4	5	8	9	9	9	6.2	24	10
27*	8	6	5	5	5	5	5	5	6	4	4	4	4	4	5	5	5	6	7	9	9	9	8	8	5.9	24	10
28	8	7	7	6	7	6	7	9	8	6	5	5	5	5	5	5	5	6	9	8	7	7	7	8	6.5	24	10
29	8	9	7	7	7	7	7	9	8	6	5	5	5	8	8	8	7	7	7	8	11	11	9	9	7.6	24	13
30	8	7	7	6	7	8	6	9	11	6	6	6	6	6	6	6	6	6	7	6	6	7	9	9	6.9	24	11
31	8	8	8	7	6	8	7	8	6		4	5	5	5	5	5	5	6	6	6	6	10	10	8	6.6	23	11
MEAN	7	6	6	6	6	6	6	7	7	6	5	6	6	6	6	6	6	7	7	7	8	8	7	7	6.4		
NO	31	31	31	31	31	31	31	31	31	30	28	29	30	29	29	27	25	30	31	30	30	31	31	31		720	
MAX	12	11	11	11	10	10	11	14	14	14	12	11	11	11	12	13	11	13	12	12	11	11	10	12	10.7		19

* Indicates Saturday or Sunday
Local standard time used

TABULATED SAT., APR. 22, 1967

CONTINUOUS AIR MONITORING PROGRAM

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

Air Quality Section, Laboratory of Engineering, and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

CONCENTRATION IN PPM
INFRARED ANALYSIS

PHILADELPHIA, PA.

CARBON MONOXIDE
APRIL 1966

DAY OF MONTH	AM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	PM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5 MIN MAX
1	9	9	7	5	6	8	6	8	10	6	5	5	5	6	6	6	6	8	8	7	8	7	8	9	6.9	24	10
2*	9	9	7	7	8	5	5	6	6	5	4	5	5	5	6	5	5	6	6	6	9	10	8	7	6.3	24	11
3*	7	7	8	7	6	6	6	7	4	5	5	5	5	5	5	5	6	6	6	6	6	8	9	9	6.1	24	10
4	8	7	6	7	5	7	10	10	11	9	6	6	6	6	6	6	7	10	9	8	9	8	8	8	7.6	24	12
5	8	7	6	6	6	6	6	7	7	6	6	6	6	6	5	6	6	7	7	6	6	7	6	8	6.5	24	10
6	9	6	7	8	8	7	7	6	6	6	5	6	6	6		6	6	7	7	7	7	7	8	10	6.9	23	11
7	9	8	7	6	7	7	8	8	8	8	6	5	5	6	5	6	6	7	7	6	6	6	7	7	6.7	24	10
8	8	8	9	6	5	5	6	6	5	5	5	5	4	4	4	4	4	4	5	5	6	8	7	7	5.6	24	10
9*	9	7	6	8	8	6	5	5	5	5	4	4	4	4	4	4	4	4	4	4	5	8	8	9	5.5	24	10
10*	7	6	6	6	6	7	8	8	7	4	3	4	4	4	5	4	4	4	4	5	5	7	9	14	5.8	24	14
11	11	7	8	7	8	6	6	6	6	5	4	5	4	5	5		6	7	7	7	7	8	9	7	6.6	23	14
12	8	10	7	9	10	7	7	10	8	8	7	8	8	8	7	8	7	8	8	10	11	9	7	7	8.2	24	12
13	7	6	5	5	5	5	5	6	7	6	6	6	6	6	6	7	7	9	8	8	7	7	7	6	6.5	24	9
14	6	6	5	6	5	6	6	6	7	8	6	6	6	6	6	6	6	6	7	7	6	6	6	6	6.1	24	8
15	6	6	5	5	5	5	6	6	7	7	7	6	6	6	6	6	6	7	7	6	6	6	6	7	6.1	24	8
16*	10	10	10	10	9	8	8	7	6	6	5	5	5	5	5	4	5	5	6	6	6	6	6	9	6.7	24	11
17*	10	10	9	8	10	8	6	6	6	6	6	6	6	6	5	5	5	5	5	5	5	5	5	5	6.3	24	11
18	8	8	8	8	9	8	10	9	6	7	6	6	5	5	5	6	6	8	7	8	7	7	7	7	7.1	24	11
19	7	7	7	6	6	6	6	6	6	6	5	5	5	4	5	4	5	7	6	6	5	4	4	4	5.5	24	8
20	6	7	7	5	4	5	5	7	4	5	5	4	5	5		6	6	7	7	6	6	6	5	6	5.6	23	8
21	9	8	8	5	6	8	6	7	6	7	7	7	8	7	7	7	7	7	7	6	6	5	5	6	6.6	24	10
22	7	6	5	5	4	5	5	6	6	6	7	7	6	7	7	8	8	10	9	9	8	8	8	8	6.8	24	11
23*	8	7	7	7	6	6	6	6	6	6	5	5	5	5	5	5	4	5	5	5	5	5	5	5	5.6	24	8
24*	5	6	4	5	5	4	4	5	4	5	5	6	7	8	8	9	9	9	9	9	8	8	8	8	6.4	24	11
25	8	7	6	6	6	6	8	7	7	6		6	5	5	6	7	7	6	5	6	6	5	5	5	6.1	23	9
26	4	4	4	3	4	5	6	6	7	5	5	5	5	5	5	6	7	6	5	5	5	5	5	5	5.0	24	7
27	5	4	4	4	4	4	5	5	5	5	6	5	5	5	6			9	10	11	11	10	10	9	6.5	22	12
28	9	8	8	8	8	8	9	10	8	7	8	8	9	11	11	13	14	14	12	11	10	10	10	10	9.8	24	16
29	10	9	9	9	9	10	11	12	12	12	10	8	8	7	8	8	9	8	8	10	12	12	12	12	9.7	24	14
30*	11	11	11	10	10	10	12	12	12	11	11	9	9	11	11	9	10	11	11	11	11	11	12	12	10.8	24	14
MEAN	8	7	7	7	7	6	7	7	7	6	6	6	6	6	6	6	7	7	7	7	7	7	7	8	6.7		
NO	30	30	30	30	30	30	30	30	30	30	29	30	30	30	28	28	29	30	30	30	30	30	30	30		714	
MAX	11	11	11	10	10	10	12	12	12	12	11	9	9	11	11	13	14	14	12	11	12	12	12	14	10.8		16

* Indicates Saturday or Sunday
Local standard time used

TABULATED SAT., APR. 22, 1967

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

PHILADELPHIA, PA.

CONCENTRATION IN PPM
INFRARED ANALYSIS

CARBON MONOXIDE
MAY 1966

DAY OF MONTH	AM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	PM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS	5 MIN MAX
1*	11	13	14	11	10	12	10	9	8	7	6	6	6	7	6	6	7	6	6	6	6	6	6	5	7.9	24	14
2	5	5	5	4	4	5	5	5	6	6	6	6	6	6	6	8	9	8	7	7	7	6	6	6	5.9	24	12
3	6	9	10	11	12	14	16	14	9	8	6	6	5	5	6	7	8	7	7	6	6	6	6	5	8.0	24	18
4	5	5	4	5	9	10	10	9	6	4	6	6	6		5	6	7	6	6	6	6	6	6	6	6.3	23	11
5	7	10	13	13	11	11	11	10	7	6	6	6	5	6	6	6	7	6	5	5	5	5	8	10	7.7	24	14
6	9	5	5	5	5	6	7	4	7	4	6	6	7	6	7	8	9	8	6	6	5	6	6	6	6.2	24	10
7*	6	5	5	5	5	5	5	5	7	6	6	6	6	7	7	6	6	6	6	6	6	5	5	5	5.7	24	8
8*	5	5	4	4	4	4	5	4	5	5	6	6	7	6	6	6	7	6	6	6	6	5	5	5	5.3	24	9
9	5	5	4	4	4	5	6	7	7	6	6	5	6	6	6	7		6	6	6	7	10	10	10	6.2	23	10
10	9	9	9	9	9	9	10	11	9	7	7	6	7	7		7	8	8	8	9	9	9	10	11	8.5	23	14
11	12	12	11	11	11	12	13	14	10	8	9	9	9	9	9	9	10	9	9	9	8	9	8	7	9.8	24	16
12	7	7	7	7	7	8	9	9	8	8	7	7	8	6	6	7	8	8	7	6	7	6	6	7	7.2	24	10
13	6	6	6	7	8	7	9	10	8	7	7	7	7	7	8	8	9	7	6	7	6	6	7	6	7.1	24	12
14*	6	6	6	5	5	6	7	7	7	6	7	8	7	7	6	7	7	7	7	7	7	8	8	7	6.7	24	10
15*	7	7	8	8	7	8	7	7	7	7	7	7	7	8	8	8	7	6	6	6	6	6	6	5	6.9	24	10
16	5	5	5	6		7	8	8	8	6	7	6	7	7	6	7	8	6	5	5	5	5	5	5	6.2	23	11
17	4	4	4	4	4	5	7	6		5	3	5	5	6	6	6	8	5	6	4	3	3	3	3	4.7	23	10
18	2	2	2	2	2	3	5	6	5	6	7	8	8	8	8	9	9	5	5	5	5	5	5	4	5.2	24	12
19	4	5	5	4	4	5	6	7	7	6	6	7	6	7	6	8	9	6	8	10	7	7	8	9	6.5	24	15
20	7	6	6	6	5	6	9	9	8	7	8	8	6	8	9	10	11	8	8	8	8	9	9	8	7.7	24	13
21*	8	9	8	7	6	9	12	10	9	8	7	8	9	9	8	8	7	7	7	7	7	7	7	6	7.8	24	15
22*	5	5	5	5	5	5	5	5	6	5	5	6	6	6	7	6	6	6	6	6	7	7	6	6	5.7	24	8
23	5	5	5	5	7	8	9	10	9	7	7	6	7	7	8	8	7	6	5	4	4	5	5	5	6.2	24	11
24	5	4	4	4	4	5	7	8	6	6	5	5	5	6	7	6	7	6	5	5	4	4	5	4	5.2	24	11
25	4	4	4	4	4	5	9	12	12	12	9	9	7	6			8	7	6	5	5	5	7	7	6.8	22	18
26	5	5	5	4	5	6	8	9	9	6	6	6	7	7	7	7	7	7	7	8	8	6	5	5	6.5	24	11
27	6	5	5	5	6	5	7	9	8	6	5	5	4	4	4	4	6	4	3	4	4	4	4	4	5.0	24	10
28*	4	3	3	3	3	3	4	5	6	5	7	6	5	4	4	4	4	5	3	3	4	4	4	4	4.1	24	8
29*	3	3	4	3	2	3	3	3	3	3	3	4	4	4	4	4	3	3	4	4	5	4	3	3	3.4	24	7
30	2	2	2	2	2	2	2	2	3	3	3	4	4	4	4	4	4	4	4	4	5	4	4	4	3.2	24	8
31	3	3	3	2	2	2	4	6	6	4	5	4	4	5	4	4	5	4	4	5	3	3	3	3	3.8	24	10
MEAN	6	6	6	6	6	6	8	8	7	6	6	6	6	6	6	7	7	6	6	6	6	6	6	6	6.2		
NO	31	31	31	31	30	31	31	31	30	31	31	31	31	30	29	30	30	31	31	31	31	31	31	31		737	
MAX	12	13	14	13	12	14	16	14	12	12	9	9	9	9	9	10	11	9	9	10	9	10	10	11	9.8		18

* Indicates Saturday or Sunday
Local standard time used

TABULATED SAT., APR. 22, 1967

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONCENTRATION IN PPM
INFRARED ANALYSIS

PHILADELPHIA, PA.

CARBON MONOXIDE
JUNE 1966

DAY OF MONTH	AM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	PM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5 MIN MAX
1	3	3	3	3	3	3	5	5	5	4	4		4	5	6	5	8	4	5	5	6	5	5	4	4.4	23	15
2	4	3	3	3	4	4	5	6	5	5	4	4	5	5	6	6	6	5	5	6	8	9	11	7	5.4	24	15
3	6	5	4	4	4	5	6	7	6	6	5	5	5	5	6	7	7	5	5	5	5	6	7	8	5.5	24	12
4*	6	5	4	4	5	4	5	5	6	7	6	7	6	7	7	6	6	7	6	6	6	6	6	6	5.8	24	9
5*	6	5	6	4	4	4	5	5	6	6	9	9	7	7	8	7	7	7	7	7	8	8	7	8	6.6	24	11
6	9	7	6	5	6	7	10	7	7	8	7	7	7	7	7	8	9	7	7	6	6	5	5	5	6.8	24	12
7	4	4	4	4	5	5	7	6	6	6	7	7	7	6	6	5	7	5	4	4	4	3	4	3	5.0	24	16
8	3	3	2	3	2	3	4	6	6	7	5	5		5	5	6	7	5	5	4	4	4	4	5	4.4	23	11
9	3	3	3	3	3	3	4	6	7	6	7	7	5	5	6	7	9	8	6	6	5	5	4	4	5.1	24	10
10	4	4	6	7	7	7	4	4	5	6	5	5	5	6	6	7	6	3	3	2	2	2	3	3	4.7	24	14
11*	3	2	2	3	6	6	6	7	4	1	2	3	5	6	6	4	4	4	4	4	4	4	4	3	4.0	24	8
12*	3	3	4	3	3	3	3	3	3	4	6	4	3	4	4	4	4	3	3	3	4	4	4	4	3.6	24	8
13	4	3	3	3	3	4	6	7	5	5	5	5	5	5	6	7	8	6	5	6	10	11	9	7	5.8	24	17
14	6	5	5	4	4	4	6	6	7	6	7	6	6	7	7	7	6	6	6	4	4	4	4	4	5.3	24	9
15	4	3	3	3	4	5	6	6		4	5	5	6	6	6	7	7	6	5	6	8	10	8	7	5.7	23	13
16	12	8	5	5	5	7	6	5	5	4	6	6	6	6	6	7	8	7	5	5	4	5	5	4	5.8	24	16
17	3	3	3	2	3	4	7	8	6	5	4	5	5	6	5	7	9	5	5	5	5	5	4	5	4.9	24	11
18*	5	5	5	4	7	7	6	6	6	5	4	4	4	4	5	5	6	5	5	5	4	4	4	4	4.9	24	9
19*	4	3	3	3	2	2	3	3	3	3	4	4	5	4	3	4	3	3	3	3	4	3	3	2	3.2	24	6
20	1	2	2	2	2	4	5	6	3	3	3	3	4	5	5	6	6	4	3	2	2	1	3	2	3.2	24	9
21	1	1	1	1	1	2	4	5	3	3	3	3	4	5		7	6	5	4	5	4	5	5	5	3.5	23	11
22	4	4	4	4	4	5	6	7	5	4	4	5	6	6	7	8	8	5	4	3	3	2	3	2	4.7	24	12
23	2	1	1	2	2	3	5	5	4	3	4	4	5	6	7	7	8	6	5	5	5	5	4	4	4.3	24	10
24	3	3	2	2	2	4	5	5	4	4	4	4	5	6	7	7	7	6	5	5	5	9	4	4	4.7	24	13
25*	3	3	2	3	2	2	3	3	3	4	4	5	5	6	6	6	6	6	5	4	3	3	3	2	3.9	24	7
26*	2	2	1	1	1	1	1	1	2	2	2	3	3	5	6	6	5	4	3	3	3	2	4	2	2.7	24	8
27	2	1	1	4	2	2	4	5	4	3	3	6	6	7	7	7	8	6	4	5	4	4	4	3	4.2	24	11
28	2	2	2	2	4	4	5	5	4	4	5	5	6	6	6	7	8	4	3	3	3	5	4	2	4.1	24	10
29	2	1	1	1	1	2	4	4	3	4	4	3	4	5	5		5	6	6	5	7	6	5	3	3.8	23	10
30	5	4	4	3	3	3	6	6	3	3	3	4	6	7	7	8	8	6	5	4	3	4	3	3	4.6	24	10
MEAN	4	3	3	3	3	4	5	5	5	4	5	5	5	6	6	6	7	5	5	4	5	5	5	4	4.7		
NO	30	30	30	30	30	30	30	30	29	30	30	29	29	30	29	29	30	30	30	30	30	30	30	30		715	
MAX	12	8	6	7	7	7	10	8	7	8	9	9	7	7	8	8	9	8	7	7	10	11	11	8	6.8		17

* Indicates Saturday or Sunday
Local standard time used

TABULATED SAT., APR. 22, 1967

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONCENTRATION IN PPM
INFRARED ANALYSIS

PHILADELPHIA, PA.

CARBON MONOXIDE
JULY 1966

DAY OF MONTH	AM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	PM 12-1	12-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5 MIN MAX
1	3	3	2	2	2	3	4	5	3	4	5	5	6	8	8	9	9	6	5	3	2	2	3	2	4.3	24	13
2*	2	2	2	2	2	2	3	4	3	3	3	4	5	7	8	9	9	8	6	5	5	4	6	7	4.6	24	10
3*	11	7	4	2	3	2	2	3	3	3	3	4	7	8	9	10	10	9	8	7	6	5	4	3	5.5	24	13
4	3	2	2	1	2	2	3	4	3	3	6	6	8	9	10	9	6	5	4	4	4	5	3	2	4.4	24	11
5	2	1	1	2	2	2	3	5	4		3	2	3	4	4	5	6	2	1	0	1	1	2	3	2.5	23	10
6	1	0	0	0	0	1	2	4	3	3	2	2	3	4		4	5	4	3	2	2	1	2	2	2.2	23	7
7	2	1	1	0	1	1	4	4	6	10	11	9	7	6	7	8		4	5	5	4	3	1	1	4.3	23	13
8	0	0	0	0	0	0	1	3	2	2	3	4	6		6	7	7	5	4	4	4	4	3	3	2.9	23	9
9*	2	2	2	1	1	1	2	1	2	2	2	3	4	5	6	5	5	5	4	4	3	3	4	2	3.0	24	7
10*	2	2	2	2	5	4	5	3	3	2	3	3	4	5	5	5	6	6	8	6	4	4	4	3	4.0	24	10
11	4	4	2	2	3	4	5	4	4	5	5	6	7	9	9	9	8	6	6	5	5	5	4	4	5.1	24	11
12	4	3	4	4	3	5	5	6	5	6	6	7	8	8	9	10	10	8	7	6	6	6	5	5	6.1	24	12
13	4	4	4	4	4	5	6	7	6	6	7	8	10	10	11	11	12	10	9	9	9	8	7	6	7.2	24	13
14	5	5	4	5	5	6	7	8		6	7	6	6	8	8	9	10	7	7	7	5	4	4	4	6.2	23	11
15	3	3	3	2	3	3	5	6	6	4	3	3	3	5	6	7	9	6	5	5	4	4	6	3	4.4	24	12
16*	2	2	2	1	2	2	3	3	3	3	4	4	4	6	6	6	6	5	4	4	4	3	4	3	3.5	24	7
17*	2	2	2	2	3	3	3	3	3	4	6	5	6	8	6	5	5	5	4	4	4	3	3	3	3.8	24	17
18	3	2	3	2	2	3	6	5	5	5	5	6	6	7	7	8	8	6	5	4	6	6	7	6	5.1	24	11
19	4	5	3	3	4	7	6	5	5	6	6	5	6	6	8	10	10	9	6	4	4	7	7	5	5.8	24	12
20	4	3	3	3	3	3	4	9	9	6		3	6	5	6	6	6	4	5	7	8	8	8	8	5.4	23	12
21	8	7	7	8	8	10	10	8	4	3	3	3	4	5		4	6	5	5	6	8	8	8	9	6.3	23	13
22	10	9	7	8	8	10	11	10	8	7	6	6	6	5	5	6	7	5	7	9	9	10	9	10	7.8	24	13
23*	10	10	9	11	12	11	11	10	9	7	5	5	5	6	6	6	5	5	4	7	8	9	10	9	7.8	24	13
24*	9	9	8	8	8	9	9	7	7	5	4	5	5	5	6	6	6	6	7	8	9	9	10	9	7.2	24	11
25	9	9	9	9	9	11	12	12	7	5	7	6	6	7	7	6	6	6	6	7	8	9	10	10	7.9	24	14
26	11	10	8	9	10	11	11	11	7	7	7	7	7	7	8	8	8	7	7	7	9	8	10	10	8.4	24	15
27	10	9	8	8	9	9	11	10	7	6	7			6	7		5	4	5	5	4	4	5	6	6.9	21	13
28	6	5	5	5	4	5	6	7		4	5	5	6	6	7	9	8	6	8	9	8	7	8	7	6.3	23	16
29	7	7	7	7	7	9	12	13	7	5	5	5	6	5	5	6	7	5	6	7	8	9	9	8	7.2	24	14
30*	8	8	8	8	8	9	9	10	9	9	6	4	5	6	5	5	6	6	7	9	10	10	10	9	7.6	24	11
31*	9	10	9	9	9	9	8	7	5	3	3	4	5	5	6	4	4	4	4	6	7	7	8	8	6.2	24	15
MEAN	5	5	4	4	5	5	6	6	5	5	5	5	6	6	7	7	7	6	5	6	6	6	6	5	5.5		
NO	31	31	31	31	31	31	31	31	29	30	30	30	30	30	29	30	30	31	31	31	31	31	31	31		733	
MAX	11	10	9	11	12	11	12	13	9	10	11	9	10	10	11	11	12	10	9	9	10	10	10	10	8.4		17

* Indicates Saturday or Sunday
Local standard time used

TABULATED SAT., APR. 22, 1967

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering, and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONCENTRATION IN PPM
INFRARED ANALYSIS

PHILADELPHIA, PA.

CARBON MONOXIDE
AUG. 1966

DAY OF MONTH	AM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	PM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5 MIN MAX
1	7	7	6	6	7	8	10	9	4	4	4	4	8	6	5	5	5	4	6	6	7	7	9	10	6.4	24	13
2	8	9	10	7	7	7	9	10	6	5	5	5	5	5	5	5	5	5	6	7	7	7	7	8	6.6	24	12
3	7	6	6	6	7	8	9	8	5	4	4	5	6	6	6			4	5	8	11	11	12	13	7.0	22	16
4	13	11	9	9	10	13	16	13	7	6	6	4	4	4	5	4	5	3	3	3	4	5	5	6	7.0	24	20
5	5	5	7	6	7	8	10	12	12	10	5	4	4	5	6	6	7	7	9	11	10	9	10	9	7.6	24	15
6*	9	16	18	16	15	11	11	10	8	6	6	7	7	5	4	4	4	5	5	6	7	8	8	8	8.4	24	20
7*	9	10	8	8	8	8	8	8	8	4	4	6	6	4	4	4	3	3	5	7	7	7	7	7	6.3	24	11
8	6	6	6	7	7	7	10	9	5	3	4	5	5	5	5	5	5	4	4	4	6	7	7	7	5.7	24	12
9	6	6	6	6	6	8	11	10	6	5	5	4	3	3	4	4	4	3	4	5	5	6	6	6	5.5	24	14
10	6	6	5	5	5	6	7	7	3	3	3	3	3	3	3	4	4	3	3	2	4	5	6	7	4.3	24	9
11	6	5	5	5	5	5	6	8	5	4	4	3	4			7	6	5	6	8	9	8	7	8	5.9	22	12
12	8	7	7	6	7	8	10	11	9	6	6	5	5	6	7	6	7	6	7	7	10	10	10	8	7.4	24	14
13*	8	8	7	7	7	8	8	7	6	5	5	5	7	7	4	5	5	5	7	8	9	9	10	11	7.0	24	12
14*	10	12	12	10	9	10	9	8	5	4	5	5	5	6	7	5	11	13	13	13	14	13	14	14	9.4	24	15
15	14	14	14	14	15	16	18	19	12	11	10	8	6	6	7	7	9	7	7	10	10	10	10	9	10.8	24	22
16	9	9	9	9	9	11	12	13	10	6	6	5	6	7	6	6	7	6	6	7	7	7	10	11	7.9	24	15
17	9	8	8	8	8	10	11	9	6	6	6	5			6	7	7	6	7	9	10	11	14	12	8.3	22	17
18	10	10	10	11	12	14	19	17	7	6	6	6	7	7	8	8	8	7	8	9	9	10	10	10	9.5	24	25
19	9	9	9	9	10	11	12	12	9	9	7	8	8	8	8	9	8	8	8	9	9	9	13	13	9.3	24	18
20*	11	9	9	9	9	9	10	9	8	8	6	6	7	7	7	6	6	7	8	10	10	11	11	11	8.6	24	15
21*	11	11	10	10	10	11	11	10	8	7	6	7	7	7	8	8	8	8	8	10	11	10	10	10	9.1	24	13
22	9	9	9	9	10	11	12	13	9	7	7	7	8	8	8	8	8	7	7	7	7	7	7	7	8.3	24	14
23	7	7	6	7	7	9	10	10	9		9	8	8	7	8	9	9	8	7	9	8	7	7	7	7.9	23	12
24	8	7	7	8	8	9	10	10	8	7	7	6	6			8	8	7	9	11	11	12	12	13	8.7	22	13
25	11	11	10	10	11	12	14	13	8	7	7	7	8	8	8	8	8	7	10	11	12	12	12	12	9.9	24	18
26	11	10	9	10	10	12	13	12	8	7	8	7	7	7	7	8	9	8	8	11	13	13	14	16	9.9	24	20
27*	11	17	11	11	11	11	11	9	7	6	7	7	8	8	7	7	7	8	10	12	11	12	12	12	9.6	24	18
28*	11	11	10	10	10	11	11	10	9	7	7	8	8	8	8	8	8	7	8	10	12	13	15	18	9.8	24	19
29	18	16	12	13	13	16	21	19	12	9	8	7	7	7	7	7	7	6	6	8	9	8	9	10	10.0	24	24
30	10	11	9	9	11	11	11	10	7	7	7	7	7	7	7	7	8	7	6	8	9	10	11	11	8.7	24	16
31	10	9	11	10	9	10	12	12	9	7	8	7	6	7	7	7	7	6	6	6	6	8	10	10	8.4	24	14
MEAN	9	9	9	9	9	10	11	11	8	6	6	6	6	6	6	6	7	6	7	8	9	9	10	10	8.1		
NO	31	31	31	31	31	31	31	31	31	30	31	31	30	28	29	30	30	31	31	31	31	31	31	31		755	
MAX	18	17	18	16	15	16	21	19	12	11	10	8	8	8	8	9	11	13	13	13	14	13	15	18	10.8		26

* Indicates Saturday or Sunday
Local standard time used

TABULATED SAT., APR. 22, 1967

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONCENTRATION IN PPM
INFRARED ANALYSIS

PHILADELPHIA, PA.

CARBON MONOXIDE
SEPT. 1966

DAY OF MONTH	AM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	PM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS	5 MIN. MAX
1	9	8	9	9	9	10	12	10	8	6		7	6			8	9	7	8	9	9	10	12	11	8.9	21	15
2	10	10	10	10	9	12	13	12	7	7	8	8	9	10	11	12	11	9	9	9	9	9	8	7	9.5	24	15
3*	7	6	6	5	5	7	7	7	7	6	7	8	8	8	8	8	6	6	5	5	5	5	6	5	6.5	24	10
4*	5	5	5	4	4	4	5	5	5	5	6	7	7	6	6	6	6	6	6	6	6	6	6	5	5.6	24	10
5	5	4	4	4	4	4	4	4	4	5	5	6	6	6	6	5	5	5	5	6	6	6	6	5	4.9	24	7
6	4	4	4	3	4	5	7	7	5	5	5	5				8	10	7	6	7	7	8	6	6	5.8	21	12
7	5	5	5	5	4	6	8	8	7	6	6	7	8	8	8	7	6	5	5	5	6	5	5	5	6.0	24	10
8	4	4	4	4	4	5	7	7	6	7	6	6	6	6	6	6	7	6	5	5	5	5	8	6	5.5	24	10
9	5	4	4	4	4	4	6	7	5	4	4	5	6	6	6	7	7	6	7	7	7	8	7	5	5.6	24	10
10*	4	5	3	3	4	3	4	5	5	4	5	5	6	6	5	6	5	5	6	6	6	6	6	5	4.9	24	8
11*	3	3	3	3	3	2	2	3	3	3	3	4	5	5	4	4	4	4	3	4	4	3	3	2	3.3	24	7
12	2	2	2	2	2	3	6	9	7	3	4	3	4	4	4	4	5	3	3	3	2	2	2	2	3.3	24	11
13	1	1	1	1	2	2	5	8	4	3	2	2	2	2	3	4	4	2	2	2	2	2	2	1	2.6	24	10
14	1	2	1	1	2	2	5	7	11	10		8	9	9	10	12	15	11	9	8	8	7	8	7	7.1	23	20
15	7	7	7	7	7	8	9	10	9	8	8	8	8	8	8	8	8	7	7	6	6	7	7	7	7.4	24	12
16	6	6	6	6	6	7	8	9	13	13	8	7	7	8	8	9	11	8	9	14	16	10	9	10	9.0	24	18
17*	11	11	11	11	12	11	11	10	9	7	7	8	8	8	7	7	8	7	10	12	12	11	12	14	9.7	24	19
18*	11	12	14	20	17	13	14	14	14	14	14	10	8	8	7	8	8	7	10	10	9	9	10	9	11.4	24	21
19	9	7	7	7	7	10	14	18	15	11	7	7	8	7	8	9	10	8	9	10	10	10	10	10	9.5	24	21
20	9	9	9	7	7	8	11	11	8	8	7	6	7	6	7	9	9	7	6	6	6	6	6	6	7.4	24	13
21	5	5	5	5	5	6	7	8	7			11	11	16	13	12	17	12	11	11	9	10	11	9	9.4	22	24
22	7	7	6	7	7	8	10	10	10	9	8	10	10	10	10	11	12	14	12	13	12	11	11	11	9.7	24	18
23	10	10	10	10	11	12	14	13	9	6	5	6	6	7	7	8	8	10	13	13	14	14	12	11	10.0	24	16
24*	10	10	10	10	10	10	11	11	9	7	5	5	5	7	7	8	9	9	12	12	12	12	12	11	9.3	24	14
25*	10	10	10	9	9	10	10	10	10	11	10	9	8	6	6	9	10	10	11	11	11	10	11	11	9.6	24	12
26	10	10	13	12	13	13	15	15	10	9	5	4	4	5	5	7	8	9	12	10	11	11	11	11	9.6	24	20
27	11	10	10	10	11	14	16	17	12	9	9	7	8	8	10	12	16	12	11	10	10	9	9	8	10.9	24	21
28	8	8	8	7	8	9	11	13	13			8	9	10	10	13	20	14	13	11	11	10	10	10	10.6	22	31
29	9	8	9	9	9	11	14	16	14	11	11	13	11	10	9	10	13	12	11	11	10	11	11	14	11.1	24	20
30	10	9	9	9	10	11	15	15	9	5	4	4	6	7	7	9	11	11	10	10	10	10	10	10	9.1	24	19
MEAN	7	7	7	7	7	8	9	10	8	7	6	7	7	7	7	8	9	8	8	8	8	8	8	8	7.8		
NO	30	30	30	30	30	30	30	30	30	28	26	30	29	28	28	30	30	30	30	30	30	30	30	30		709	
MAX	11	12	14	20	17	14	16	18	15	14	14	13	11	16	13	13	20	14	13	14	16	14	12	14	11.4		31

* Indicates Saturday or Sunday
Local standard time used

TABULATED SAT., APR. 22, 1967

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONCENTRATION IN PPM
INFRARED ANALYSIS

PHILADELPHIA, PA.

CARBON MONOXIDE
OCT. 1966

DAY OF MONTH	AM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	PM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5 MIN MAX
1*	9		9	9	9	9	10	10	11	11	11	11	11	10	11	10	11	11	10	12	11	11	11	11	10.4	23	19
2*	11	10	10	10	10	10	10	10	8	8	8	7	6	7	6	6	8	10	16	27	30	28	27	23	12.7	24	32
3	20	17	13	13	14	17	26	31	24	14	7	4	4	5	5	6	7	8	9	9	9	10	9	9	12.1	24	35
4	9	8	8	8	9	10	14	16	10	6	5	4	6	5	6	5	7	8	9	11	10	8	8	8	8.2	24	19
5	7	7	7	7	8	9	11	13	11	12	11	9	8			5	9	10	11	11	10	11	11	10	9.4	22	15
6	10	10	9	9	10	11	12	11	8	7	7	6	6	6	5	8	9	11	12	12	11	12	13	12	9.4	24	14
7	12	11	9	10	10	11	14	15	11	7	4	4	5	5	4	6	9	9	11	13	13	12	12	12	9.5	24	18
8*	11	10	10	10	10	10	10	10	8	7	6	3	3	4	4	4	6	8	9	9	9	9	9	9	7.8	24	11
9*	9	9	9	9	9	9	9	9	8	6	5	4	4	3	4										7.1	15	10
10											5	6	6	6	7	7	10	12	12	12	12	13	16	15	9.8	14	19
11	11	10	11	11	12	13	17	15	10	8	7	6	6	6	8	9	11	12	14	13	14	12	11	11	10.7	24	20
12	10	9	10	10	10	11	13	14	10	7	5	5	4	6	7	8	10	10	10	11	10	10	10	10	9.2	24	17
13	10	10	12	12	14	16	18	20	15			7	5	5	5	5	8	10	10	10	10	10	11	10	10.6	22	23
14	10	9	9	8	9	10	13	13	11	9	8	6	4	5	5	5	10	9	9	10	10	10	10	10	8.8	24	16
15*	10	9	10	10	10	10	11	11	11	10	9	7	6	4	3	5	8	8	8	9	8	8	9	9	8.4	24	13
16*	8	8	7	7	7	7	9	7	7	8	6	4	3	3	3	4	7	9	7	6	5	5	5	4	6.1	24	11
17	4	4	4	4	4	5	7	8	6	5	4	6	6	6	7	7	8	6	5	5	6	6	6	7	5.7	24	15
18	7	8	8	8	9	9	12	12	7	5	3	5	5	6	6	6	9	6	5	6	5	5	5	5	6.7	24	16
19	5	5	5	4	4	5	8	14	11	8	10	14			13	13	15	13	9	10	9	9	9	8	9.0	22	23
20	8	8	8	8	7	8	10	10	8	5	3	3	3	1	2	4	6	5	5	5	7	7	7	7	6.0	24	11
21	7	7	8	11	11	13	14	19	10	5	5	4	4	5	6	7	8	7	8	9	9	10	9	10	8.6	24	23
22*	8	8	8	8	10	12	12	13	9	8	7	6	8	8	7	8	9	10	10	11	12	10	9	6	9.0	24	14
23*	7		5		4	7		6	5	7		7	7	6	7	9	12	11	11	22	15	25	18	13	10.2	20	30
24	16	14	10	9	10	12	14	15	10	8	8	8	8	8	9	11	15	14	14	13	12	10	10	11	11.1	24	20
25	8	9	8	8	8	9	12	13	11	10	11	14	13	12	13	15	18	13	16	19	18	15	12	12	12.4	24	24
26	12	11	11	11	11	13	17	20	13		6	8	8	8	10	12	15	18	30	18	14	18	26	25	14.6	23	40
27	18	13	14	15	16	18	20	22	15	10	7	7	7	8	8	11	14	14	19	11	8	8	9	19	12.9	24	26
28	17	15	13	13	16	17	23	24	18	11	10	7	7	6	7	10	14	24	40	43	38	40	40	36	20.3	24	47
29*	29	25	24	20	18	19	15	14	14	11	7	7	6	5	5	6	8	9	10	11	11	11	11	10	12.7	24	34
30*	10	10	10	10	9	9	9	10	10	9	8	8	7	7	7	9	12	13	14	13	14	15	15	14	10.4	24	18
31	19	17	15	10	9	10	10	13	15	10	8	6	6	6	6	7	8	10	10	10	10	10	10	9	10.1	24	20
MEAN	11	10	10	10	10	11	13	14	11	8	7	6	6	6	6	8	10	11	12	13	12	12	12	12	10.0		
NO		28	30	29	30	30	29	30	30	28	29	31	30	29	30	30	30	30	30	30	30	30	30	30		713	
MAX		25	24	20	18	19	26	31	24	14	11	14	13	12	13	15	18	24	40	43	38	40	40	36	20.3		47

*) ...day or Sunday
Loc... ard time used

TABULATED SAT., APR. 22, 1967

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONCENTRATION IN PPM
INFRARED ANALYSIS

PHILADELPHIA, PA.

CARBON MONOXIDE
NOV. 1966

DAY OF MONTH	AM 12	12	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	PM 12-1	12	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS	5 MIN MAX
1	10	9	10	10	9	9	11	14	12	9	5	4	3	4	4	5	7	11	9	9	10	11	10	9	8.5	24	19
2	7	6	5	5	6	6	7	9	11				7	9	8	10	12	17	11	10	10	8	8	8	8.8	21	28
3	7	7	7	7	8	8	11	10	10	10	10	10	9	9	10	9	10	12	13	13	13	13	12	11	10.0	24	15
4	11	10	10	10	10	10	11	12	13	13	10	10	10	10	10	10	12	18	17	16	16	15	15	13	12.1	24	22
5*	13	13	13	11	11	12	12	14	14	15	17	14	10	8	7	8	12	13	13	13	14	13	13	12	12.3	24	20
6*	12	12	12	11	11	11	11	11	11	11	11	12	12	10	11	12	13	12	11	11	11	11	11	10	11.3	24	14
7	11	11	10	10	10	10	11	13	16	13	12	12	12	12	11	11	12	11	9	8	9	8	8	8	10.6	24	19
8	7	8	8	8	8	9	9	10	11	11	10	7	7	6	7	7	8	10	9	10	9	11	12	9	8.7	24	15
9	9	8	8	8	8	8	8	11	12	9		7	6	8	7	8	9	11	8	7	7	6	6	7	8.0	23	17
10	5	5	5	4	5	5	6	7	7	6	10	9	6	5	7	7	8	11	9	9	9	8	8	9	7.1	24	13
11	10	8	9	8	9	9	11	13	12	9	7	7	6	7	7	9	9	12	15	13	11	11	10	11	9.6	24	17
12*	10	10	10	10	9	9	10	12	12	12	13	11	8	7	6	6	7	9	10	10	10	10	10	10	9.6	24	14
13*	10	10	9	8	8	8	8	8	8	8	9	8	8	9	8	9	9	10	11	11	10	10	8	8	8.9	24	12
14	7	7	7	7	7	7	8	10	11	11	10	9	8	8	7	9	9	13	11	10	9	9	9	9	8.7	24	14
15	7	6	6	6	6	6	6	8	8	7	7	5	5	5	5	6	7	10	8	7	7	7	6	5	6.5	24	14
16	5	5	4	4	5	5	7	10	13				6	7	7	8	11	13	11	11	12	12	11	10	8.4	21	19
17	9	9	9	7	7	7	8	10	10	9	7	7	7	9	6	6	8	10	8	8	7	8	9	9	8.0	24	14
18	7	7	5	6	6	6	7	8	10	7	5	3	4	6	2	2	4	8	6	6	5	6	6	6	5.7	24	15
19*																											
20*																											
21																											
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	5	9	7	3	2	1.3	24	10
23	3	4	3	1	0	0	0	0	0	0	0	3	10	14	12				14	13	13	13	12	11	5.9	21	26
24	11	11	11	11	10	10	10	11	12	12	14	14	13	4	3	6	7	7	6	5	2	5	10	12	9.1	24	17
25	14	13	14	14	12	12	13	12	10				9	4	4	3	4	11	9	11	11	13	10	8	9.9	21	24
26*	9	11	11	10	4	2	6	8	7	10	7	5	8	7	3	2	3	5	6	6	7	3	6	3	6.1	24	14
27*	3	4	3	3	3	4	6	4	4	4	3	4	3	7	8	9	9	11	10	10	11	8	8	8	6.1	24	14
28	10	9	5	7	4	9	10	8	15	6	3	3	4	7	7	7	9	10	7	7	11	18	12	8	8.1	24	27
29																											
30																											
MEAN	8	8	8	8	7	7	8	9	10	9	8	7	7	7	7	7	8	11	10	10	10	10	9	9	8.4		
NO	25	25	25	25	25	25	25	25	25	22	21	22	25	25	25	24	24	24	25	25	25	25	25	25		587	
MAX	14	13	14	14	12	12	13	16	16	15	17	14	13	14	12	12	13	18	17	16	16	18	15	13	12.3		28

* Indicates Saturday or Sunday
Local standard time used

TABULATED SAT., APR. 22, 1967

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONCENTRATION IN PPM
INFRARED ANALYSIS

PHILADELPHIA, PA.

CARBON MONOXIDE
DEC. 1966

DAY OF MONTH	AM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	PM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN MAX
1	7		5	5	5	5	6	9	9	8	8	8	8	9	7	8	10	9	7	6	8	9	8	9	7.5	23	14
2	8	7	7	7	7	5	6	7	8	8	7	7	8	7	7	9	10	9	6	5	5	4	5	4	6.8	24	12
3*	4	3	3	3	3	3	3	4	5	4	5	6	6	7	6	6	6	5	4	3	4	3	3	3	4.3	24	9
4*	3	3	3	3	3	3	3	3	4	4	6	7	8	7	7	9	9	10	7	8	8	6	6	6	5.6	24	17
5	6	5	5	6	5	6	6	10	13	11	12	8	7	6	6	6	8	9	5	5	5	5	6	5	6.9	24	16
6	6	5	4	4	4	4	5	8	8	7	7	7	8	8	8	8	11	13	9	7	6	6	6	6	6.8	24	17
7	6	5	5	5	5	5	7	7	8	7	7	7	6	6		3	6	10	8	7	7	7	6	5	6.2	23	20
8	5	6	5	5	5	6	7	9	10	7	6	4	3	4	4	5	7	16	10	9	7	8	8	8	6.7	24	27
9	5	5	5	4	4	5	6	9	9	5	6	5	22	4	6	7	8	14	10	7	9	7	8	8	7.4	24	31
10*	8	6	5	6	6	6	6	7	6	6	5	4	2	3	3	4	6	5	5	5	5	5	5	5	5.2	24	10
11*	5	5	5	4	4	4	4	4	4	4	4	4	6	5	5	6	6	6	6	5	3	4	4	3	4.6	24	8
12	3	2	2	2	2	2	3	4	5	5	4	4	5	5	3	5	6	9	6	5	4	4	3	2	4.0	24	16
13	3	2	2	2	2	3	3	5	6	6	6	7	8	9	7	6	9	8	5	3	3	3	2	2	4.8	24	12
14	2	2	2	2	2	2	3	5	6	6	5	5	6		6	8	9	12	8	6	5	5	4	5	4.9	23	14
15	4	5	4	4	4	4	4	5	7	7	6	6	5	5	6	6	7	8	6	6	6	5	4	7	5.4	24	13
16	6	5	4	3	4	4	7	9	6	7	8	8	8	8	5	5	6	8	9	7	6	6	5	6	6.1	24	15
17*	6	5	5	5	5	5	6	7	8	9	10	8	9	8	8	9	9	8	8	6	5	4	5	6	6.7	24	13
18*	5	5	5	4	4	4	4	4	4	4	6	5	6	6	5	7	9	10	9	13	9	7	6	5	6.0	24	15
19	4	4	3	3	3	3	3	4	5	6	5	6	5	5	7	7	9	10	6	5	5	5	4	5	5.0	24	24
20	4	4	4	4	4	4	5	7	8	9	10	9	8	7	10	10	15	14	7	5	4	5	4	4	6.9	24	36
21	3	3	3	2	2	3	3	5	5	6	6	4	6	3	5			11	6	5	5	5	5	5	4.5	22	18
22	4	4	3	3	3	3	5	7	8	5	4	4	7	8	8	8	10	12	9	7	7	7	7	6	6.2	24	15
23	6	6	4	4	4	4	5	6	7	7	7	7	8	7	6	5	7	7	5	5	5	4	4	4	5.4	24	10
24*	4	3	3	2	2	2	3	3	3	3	3	4	5	4	3	3	2	2	2	2	2	2	1	1	2.6	24	6
25*	2	2	2	2	2	1	2	2	2	2	2	2	3	3	2	2	3	3	3	3	3	2	3	2	2.1	24	9
26	2	2	2	2	2	2	2	2	3	3	3	3	4	3	3	2	3	3	3	3	3	3	3	3	2.7	24	5
27	3	2	2	2	2	2	3	5	6	6	4	2	3	2	2	3	4	9	7	5	5	6	4	5	3.8	24	12
28	4	4	2	3	2	2	3	5	7	8	9	8	8	7	6	6		3	1	2	2	1	1	1	4.1	23	11
29	1	2	2	2	2	3	4	5	5	6	6	6	6	6	6	7	8	5	3	3	3	3	3	3	4.1	24	10
30	2	3	2	3	3	3	3	4	5	5	3	5	4	5	5	5	6	5	4	3	3	3	3	3	3.7	24	9
31*	2	2	2	2	2	2	3	4	4	3	4	6	7	7	6	5	4	3	3	3	3	3	4	8	3.8	24	18
MEAN	4	4	4	3	3	3	4	6	6	6	6	6	6	6	6	6	7	8	6	5	5	5	4	5	5.2		
NO	31	30	31	31	31	31	31	31	31	31	31	31	31	30	30	30	29	31	31	31	31	31	31	31		738	
MAX	8	7	7	9	7	6	7	10	13	11	12	9	22	9	10	10	15	16	10	13	9	9	8	9	7.9		36

* Indicates Saturday or Sunday
Local standard time used

TABULATED SAT., APR. 22, 1967

C 19

CONTINUOUS AIR MONITORING PROGRAM

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

Air Quality Section, Laboratory of [illegible]
Division of Air Pollution, Public Health Service
U.S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio

PHILADELPHIA, PA.

CONCENTRATION IN PPM

COLORIMETRIC ANALYSIS

NITRIC OXIDE
JAN. 1966

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS	5 MIN MAX
1*	.10	.09	.09	.13	.08	.07	.07	.07	.06	.06	.07	.06	.05	.05		.06	.07	.10	.09	.09	.11	.08	.08	.09	.076	23	.17
2*	.09	.08	.06	.05	.04	.03	.03	.03	.03	.04	.06	.06	.05	.05		.05	.05	.05	.06	.05	.06	.05	.04	.05	.050	23	.10
3	.03	.03	.03	.03	.03	.04	.07	.11	.18	.20	.18	.14	.12	.11		.07	.08	.10	.08	.08	.07	.06	.06	.05	.084	23	.24
4	.05	.04	.03	.03	.02	.03	.05	.11	.17	.13	.08	.06	.05	.05		.06	.08	.10	.12	.13	.11	.15	.17	.12	.084	23	.21
5	.12	.19	.12	.12	.11	.12	.14	.19	.24	.24	.22	.29	.25	.21		.18	.25	.26	.19	.17	.14	.15	.16	.16	.183	23	.31
6	.13	.11	.10	.08	.07	.06	.06	.07	.09	.09	.08	.07	.07	.08					.08	.07	.06	.07	.07	.07	.079	20	.15
7	.05	.04	.04	.04	.03	.03	.03	.05	.07	.06		.05	.04	.03		.05	.07	.05	.05	.05	.05	.05	.05	.05	.046	22	.08
8*	.06	.07	.06	.05	.04	.02	.02	.01	.02	.02	.02	.02	.02	.02		.02	.02	.02	.02	.02	.01	.01	.01	.01	.025	23	.07
9*	.01	.01	.00	.00	.00	.00	.00	.00	.01	.01	.01	.01	.01	.02			.04	.07	.07	.06	.06	.06	.08	.07	.027	22	.10
10	.05	.06	.06	.05	.04	.05	.09	.08	.11	.11	.08	.07	.07	.06		.07	.07	.14	.16	.14	.12	.12	.12	.09	.087	23	.20
11	.06	.05	.04	.02	.02	.01	.01	.03	.05	.06	.07	.06	.05	.06			.08	.09	.08	.06	.05	.05	.04	.02	.047	22	.09
12	.02	.02	.01	.00	.00	.00	.01	.04	.06	.06	.05	.05	.05	.05		.06	.08	.10	.11	.12	.10	.08	.07	.05	.052	23	.13
13	.05	.04	.03	.03	.03	.05	.06	.10	.14	.16	.15	.12	.09	.08		.07	.07	.06	.05	.04	.03	.03	.04	.03	.067	23	.16
14	.02	.02	.02	.02	.03	.04	.05	.06	.05	.05	.05	.05	.06	.06				.09	.10	.11	.13	.16	.2	.18	.073	21	.23
15*	.15	.12	.11	.09	.08		.08										.06	.08	.12	.11	.11	.10	.06	.05	.094	14	.16
16*	.03	.02	.01	.01	.01	.00	.00	.01	.01	.01	.01	.01	.01	.02		.03	.03	.03	.02	.02	.02	.01	.01	.01	.015	23	.04
17	.01	.01	.01	.00	.00	.00	.01	.03	.05	.06	.06	.05	.06	.07			.08	.10	.08	.09	.05	.04	.04	.02	.040	22	.11
18	.02	.01	.01	.01	.00	.00	.01	.03	.05	.09	.09	.09	.07	.06		.07	.09	.10	.10	.08	.08	.07	.06	.03	.053	23	.10
19	.04	.03	.03	.02	.01	.01	.01	.03	.06	.08	.09	.08	.08	.07				.11	.09	.06	.05	.05	.04	.03	.051	21	.11
20	.02	.01	.01	.01	.01	.01	.01	.03	.06	.07	.07	.07	.06	.06		.06	.08	.10	.10	.09	.08	.07	.06	.05	.051	23	.11
21	.05	.04	.04	.03	.03	.03	.03	.05	.09	.09	.10	.12	.14	.13				.09	.12	.11	.14	.15	.14	.14	.088	21	.16
22*	.19	.17	.16	.20	.21	.19	.13	.13	.13	.14	.14	.14	.13	.10		.07	.07	.06	.07	.07	.05	.04	.04	.06	.[illegible]	23	.23
23*	.04	.03	.03	.04	.03	.03	.03	.03	.02	.01	.01	.01	.03	.03			.01	.01	.08	.01	.01	.01	.01	.00	.019	22	.07
24	.00	.00	.00	.00	.00	.00	.00	.02	.04	.05	.05	.05	.03	.04		.04	.05	.06	.06	.05	.04	.04	.03	.02	.029	23	.07
25	.02	.01	.01	.01	.00	.00	.01	.04	.06	.07	.08	.08	.08	.07			.06	.13	.14	.12	.09	.08	.07	.05	.058	22	.15
26	.04	.03	.02	.01	.01	.01	.02	.04	.07	.08	.10	.13	.12	.11			.12	.11	.09	.08	.06	.05	.04	.03	.062	22	.14
27	.02	.01	.01	.01	.00	.00	.01	.02	.03	.05	.05	.04	.05	.06				.03	.02	.02	.01	.01	.00	.00	.021	21	.07
28	.00	.00	.00	.00	.00	.00	.00	.01	.03	.03	.06	.06	.05	.04					.06	.05	.04	.03	.03	.02	.025	20	.07
29*	.02	.02	.01	.01	.01	.01	.01	.02	.03	.04	.05	.04	.04	.05		.04	.06	.07	.07	.06	.05	.04	.06	.07	.038	23	.08
30*	.06	.06	.06	.05	.04	.03	.02	.02	.01	.01	.01	.01	.01	.01		.01	.01	.01	.01	.01	.01	.01	.01	.01	.021	23	.07
31	.00	.00	.00	.00	.00	.00	.00	.01	.01	.03	.03	.05	.05	.04		.04	.05	.04	.04	.03	.03	.04	.03	.03	.024	23	.06
MEAN	.05	.05	.04	.04	.03	.03	.03	.05	.07	.07	.07	.07	.07	.06		.06	.07	.08	.08	.07	.07	.06	.06	.05	.057		
NO.	31	31	31	31	31	30	31	30	30	30	29	30	30	30		18	25	29	31	31	31	31	31	31		683	
MAX	.15	.19	.16	.20	.21	.19	.14	.19	.24	.24	.22	.29	.25	.21		.18	.25	.26	.19	.17	.14	.16	.20	.18	.183		.31

* Indicates Saturday or Sunday
Local standard time used

TABULATED THU., MAY 4, 1967

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of [illegible] and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONCENTRATION IN PPM

COLORIMETRIC ANALYSIS

PHILADELPHIA, PA.

NITRIC OXIDE
FEB. 1966

DAY OF MONTH	AM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	PM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN MAX
1	.03	.02	.02	.02	.01	.01	.01	.03	.05	.07	.08	.07	.07	.06			.07	.08	.07	.07	.07	.07	.07	.06	.050	22	.09
2	.06	.07	.07	.06	.06	.05	.06	.07	.10	.13	.14	.20	.15	.15			.19	.18	.14	.12	.11	.09	.08	.07	.106	22	.22
3	.06	.05	.04	.03	.03	.03	.03	.04	.07	.09	.11	.12	.12	.11								.15	.14	.12	.078	17	.15
4	.11	.10	.08	.07	.06	.05	.06	.08	.09		.12	.12	.10	.09		.09	.09	.09	.08	.08	.07	.07	.06	.06	.082	22	.14
5*	.06	.06	.05	.04	.02	.02	.01	.02	.02	.02	.02	.03	.03	.04		.03	.04	.04	.04	.06	.05	.05	.05	.06	.037	23	.06
6*	.05	.04	.05	.05	.04	.03	.02	.02	.02	.02	.02	.02	.02	.02		.03	.03	.04	.04	.04	.04	.05	.07	.07	.035	23	.08
7	.09	.08	.06	.05	.04	.04	.05	.06	.08	.13	.17	.20	.20	.20		.18	.20	.23	.23	.22	.23	.22	.22	.21	.148	23	.24
8	.20	.19	.17	.16	.15	.13	.13	.14	.15	.14	.12	.11	.11	.11			.17	.19	.22	.28	.35	.45	.39	.61	.211	22	.74
9	.80	.90	.87	.82	.77	.70	.69	.62	.58	.53	.42	.31	.15	.09		.06	.07	.07	.07	.06	.06	.05	.04	.04	.381	23	.92
10	.03	.03	.02	.02	.02	.02	.02	.03	.06	.08	.10	.08	.09	.08			.04	.04	.05	.06	.06	.05	.05	.03	.047	22	.14
11	.03	.03	.03	.02	.02	.03	.05	.08	.11	.13	.14	.15	.12	.10		.13	.15	.16	.19	.19	.22	.30	.28	.31	.128	23	.34
12*	.32	.35	.45	.38	.40	.35	.32	.30	.38	.38	.30	.22	.13	.09		.05	.05	.04	.05	.07	.07	.08	.08	.08	.214	23	.51
13*	.07	.06	.06	.05	.04	.04	.04	.04	.03	.03	.04	.04	.03	.04		.07	.05	.03	.04	.05	.07	.06	.04	.03	.044	23	.08
14	.03	.02	.02	.01	.01	.01	.01	.03	.05	.07	.06	.05	.04	.04		.04	.05	.06	.06	.07	.13	.16	.15	.24	.061	23	.37
15	.30	.20	.18	.14	.11	.08	.07	.08	.10	.11	.09	.10	.08	.06			.10	.09	.09	.09	.06	.05	.05	.04	.103	22	.41
16	.04	.05	.05	.04	.03	.02	.02	.04	.07	.09	.08	.09	.10	.09		.13	.15	.17	.18	.23	.20	.15	.12	.10	.096	23	.25
17	.08	.07	.06	.05	.04	.03	.01	.01	.03	.04	.05	.05	.04	.04											.042	14	.08
18																											
19*	.04	.05	.06	.07	.08	.08	.08	.08	.08	.08	.07	.06	.06	.05		.05	.05	.05	.04	.04	.03	.02	.02	.01	.054	23	.10
20*	.01	.01	.01	.01	.00	.00	.00	.01	.01	.01	.01	.01	.01	.02		.03	.03	.03	.03	.03	.03	.03	.02	.02	.016	23	.05
21	.02	.02	.01	.01	.01	.01	.02	.04	.05	.05	.06	.06	.06	.05		.04	.05	.06	.06	.08	.05	.04	.04	.03	.038	23	.06
22	.03	.02	.02	.02	.02	.02	.02	.04	.05	.05	.05	.05	.05	.05		.04	.05	.05	.05	.06	.07	.05	.04	.04	.041	23	.08
23	.02	.02	.01	.01	.01	.01	.01	.04	.08	.08	.08	.08	.07	.06				.08	.08	.07	.07	.10	.11	.08	.055	21	.12
24	.06	.06	.06	.08	.09	.09	.09	.10	.11	.14	.14	.13	.13	.13				.17	.15	.12	.09	.06	.04	.03	.097	21	.17
25	.02	.03	.02	.02	.01	.01	.01	.02	.03	.05	.09	.08	.08	.06		.06	.06	.07	.06	.08	.05	.04	.03	.03	.042	23	.09
26*	.03	.03	.03	.02	.02	.01	.01	.02	.03	.03	.03	.02	.02	.03		.03	.03	.03	.03	.06	.04	.04	.03	.03	.028	23	.05
27*	.03	.03	.03	.03	.03	.03	.04	.04	.04	.04	.03	.03	.03	.02			.03	.04	.04	.08	.06	.07	.05	.04	.037	22	.07
28	.04	.03	.03	.03	.02	.02	.02	.04	.06	.10	.11	.16	.17	.18		.20	.22	.23	.21	.18	.16	.13	.10	.07	.108	23	.23
MEAN	.10	.10	.09	.08	.08	.07	.07	.08	.09	.10	.10	.10	.08	.08		.07	.09	.09	.09	.09	.10	.10	.09	.10	.089		
NO	27	27	27	27	27	27	27	27	27	26	27	27	27	27		17	23	25	25	25	25	26	26	26		595	
MAX	.80	.90	.87	.82	.77	.70	.69	.62	.58	.53	.42	.31	.20	.20		.20	.22	.23	.23	.28	.35	.45	.39	.61	.381		.92

* Indicates Saturday or Sunday
Local standard time used

TABULATED THU., MAY 4, 1967

C 21

CONTINUOUS AIR MONITORING PROGRAM

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

Air Quality [illegible] Laboratory
Division of Air Pollution, Public [illegible]
U. S. Department of Health [illegible]

Robert A. Taft [illegible]
Cincinnati [illegible]

PHILADELPHIA, PA.

NITRIC OXIDE
MARCH 1966

PPM

COLORIMETRIC ANALYSIS

DAY OF MONTH	AM 12-1	AM 1-2	AM 2-3	AM 3-4	AM 4-5	AM 5-6	AM 6-7	AM 7-8	AM 8-9	AM 9-10	AM 10-11	AM 11-12	PM 12-1	PM 1-2	PM 2-3	PM 3-4	PM 4-5	PM 5-6	PM 6-7	PM 7-8	PM 8-9	PM 9-10	PM 10-11	PM 11-12	DAILY MEAN	NO. OF HRS	5 MIN. MAX
1	.05	.04	.04	.04	.03	.03	.04	.08	.13	.12	.07	.04	.03	.02			.02	.02	.03	.03	.03	.02	.02	.02	.042	22	.14
2	.01	.01	.01	.01	.01	.01	.02	.05	.06	.05	.05	.04	.03	.03		.03	.03	.04	.06	.07	.07	.08	.09	.13	.043	23	.15
3	.14	.17	.35	.53	.44	.29	.48	.72	.50	.42	.29	.16	.07	.04				.06	.06	.06	.10	.11	.14	.12	.250	21	.85
4	.14	.14	.13	.12	.12	.11	.11	.13	.18	.18	.18	.19	.20	.21		.26	.31	.29	.27	.26	.24	.23	.21	.21	.191	23	.33
5*	.22	.22	.18	.16	.12	.09	.09	.11	.13	.17	.19	.17	.11	.07		.05	.07	.08	.07	.06	.06	.05	.05	.05	.110	23	.22
6*	.05	.04	.03	.02	.02	.01	.01	.01	.01	.02	.02	.02	.02	.02		.02	.03	.03	.03	.03	.03	.03	.02	.02	.023	23	.05
7	.02	.02	.01	.01	.01	.01	.02	.03	.05	.05	.05	.05	.05	.06		.04	.06	.06	.07	.07	.07	.07	.07	.05	.043	23	.06
8	.05	.04	.03	.02	.01	.01	.01	.03	.05	.07	.05	.05	.05	.05		.05	.06	.07	.07	.08	.07	.07	.06	.05	.047	23	.08
9	.05	.04	.04	.04	.03	.03	.03	.06	.11	.11	.12	.11	.11	.09		.06	.07	.11	.12	.14	.10	.08	.07	.10	.079	23	.17
10	.12	.12	.13	.15	.14	.12	.13	.16	.16	.13	.09	.07	.05	.05			.05	.05	.05	.08	.06	.07	.07	.07	.094	22	.17
11	.08	.07	.06	.06	.05	.05	.05	.07	.10	.12	.13	.14	.16	.17		.14	.15	.17	.20	.20	.18	.17	.16	.13	.121	23	.22
12*	.10	.08	.06	.05	.05	.05	.04	.04	.04	.04	.04	.03	.01	.02		.02	.02	.02	.02	.04	.05	.03	.03	.03	.039	23	.10
13*	.03	.03	.01	.02	.02	.01	.02	.03	.03	.03	.04	.03	.03	.04		.03	.07	.07	.06	.07	.07	.08	.07	.06	.041	23	.09
14	.04	.03	.02	.01	.01	.01	.02	.04	.07	.07	.08	.09	.11	.10		.06	.07	.08	.09	.09	.10	.10	.10	.09	.063	23	.11
15	.07	.06	.06	.05	.04	.05	.06	.08	.10	.09	.05	.03	.02	.02		.02	.04	.05	.04	.04	.03	.04	.05	.05	.048	23	.11
16	.05	.04	.03	.02	.01	.01	.01	.02	.05	.05	.05	.05	.05	.05		.03	.04	.04	.05	.08	.07	.05	.07	.07	.042	23	.09
17	.08	.08	.07	.07	.06	.06	.09	.09	.12	.10	.08	.06	.05	.03				.05	.04	.03	.03	.02	.02	.02	.058	21	.13
18	.02	.02	.02	.02	.02	.03	.02	.04	.06	.06	.05	.04	.02	.02		.01		.01	.01	.01	.01	.01	.01	.00	.022	22	.06
19*	.00	.00	.00	.01	.01	.01	.02	.04	.04	.05	.04	.04	.02	.02		.02	.01	.00	.00	.00	.01	.00	.01	.01	.015	23	.06
20*	.01	.01	.01	.02	.02	.02	.02	.03	.02	.02	.02	.02	.02	.02		.03	.03	.03	.03	.03	.06	.05	.06	.07	.028	23	.08
21	.07	.05	.04	.04	.03	.04	.04	.07	.08	.06	.05	.04	.04	.03			.02	.03	.03	.03	.03	.04	.06	.07	.044	22	.10
22	.08	.08	.07	.06	.04	.02	.02	.03	.04	.03	.03	.02	.03	.02			.03	.04	.06	.20	.13	.12	.09	.08	.059	22	.24
23	.07	.07	.06	.04	.03	.03	.03	.05	.07	.08	.07	.06	.07	.06			.13	.11	.09	.07	.06	.06	.05	.04	.063	22	.13
24	.04	.04	.03	.03	.02	.02	.02	.04	.07	.10	.13	.13	.11	.08				.05	.05	.04	.03	.02	.02	.02	.051	21	.14
25	.01	.01	.01	.01	.01	.01	.01	.02	.03	.04	.04	.04	.04	.04		.02	.04	.05	.04	.04	.04	.04	.04	.04	.029	23	.05
26*	.05	.05	.04	.05	.04	.04	.04	.06	.06	.05	.04	.02	.02	.02		.01	.01	.01	.01	.01	.01	.02	.02	.02	.029	23	.07
27*	.02	.01	.01	.01	.00	.00	.00	.01	.01	.01	.01	.01	.01	.01		.02	.02	.02	.02	.03	.04	.03	.02	.02	.015	23	.05
28	.02	.01	.01	.01	.01	.01	.02	.04	.05	.05	.04	.03	.04	.03		.03	.03		.03	.03	.02	.03	.03	.02	.026	22	.06
29	.02	.02	.01	.01	.00	.00	.01	.02	.04	.04	.03	.03	.03	.04		.04	.04	.04	.04	.04	.06	.07	.07	.07	.033	23	.09
30	.07	.05	.04	.03	.02	.02	.02	.04	.07	.08	.07	.06	.04	.04		.02	.03	.03	.03	.03	.03	.03	.03	.03	.039	23	.09
31	.02	.01	.01	.01	.01	.00	.00	.02	.03	.03	.03	.03	.03	.02		.02	.03	.03	.04	.03	.07	.06	.06	.05	.029	23	.07
MEAN	.06	.05	.05	.05	.05	.04	.05	.07	.08	.08	.07	.06	.05	.05		.04	.05	.06	.06	.06	.06	.06	.06	.06	.058		
NO.	31	31	31	31	31	31	31	31	31	31	31	31	31	31		23	27	30	31	31	31	31	31	31		700	
MAX	.22	.22	.35	.53	.44	.29	.48	.72	.50	.42	.29	.19	.20	.21		.26	.31	.29	.27	.26	.24	.23	.21	.21	.250		.85

* Includes Saturday or Sunday
Local standard time used

TABULATED: THU., MAY 4, 1967

CONTINUOUS AIR MONITORING PROGRAM

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

Air Quality Section, Laboratory [illegible] Sciences
Division of Air Pollution, Public [illegible]
U. S. Department of Health, Education and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

PHILADELPHIA, PA.

NITRIC OXIDE
APRIL 1966

CONCENTRATION IN PPM

COLORIMETRIC ANALYSIS

DAY OF MONTH	AM 12 1	AM 1 2	AM 2 3	AM 3 4	AM 4 5	AM 5 6	AM 6 7	AM 7 8	AM 8 9	AM 9 10	AM 10 11	AM 11 12	PM 12 1	PM 1 2	PM 2 3	PM 3 4	PM 4 5	PM 5 6	PM 6 7	PM 7 8	PM 8 9	PM 9 10	PM 10 11	PM 11 12	DAILY MEAN	NO. OF HRS.	5 MIN. MAX
1	.05	.05	.04	.04	.04	.03	.04	.04	.05	.06	.04	.03	.03	.04						.08	.10	.09	.07	.06	.052	19	.12
2*	.07	.07	.06	.06	.06	.05	.04	.03	.03	.01	.02	.02	.02	.02		.01	.01	.01	.01	.02	.03	.03	.02	.02	.031	23	.08
3*	.02	.02	.02	.02	.01	.01	.01	.01	.01	.01	.01	.01	.01	.00		.01	.02	.03	.04	.05	.06	.06	.06	.05	.022	23	.10
4	.04	.04	.02	.02	.01	.01	.02	.03	.05	.06	.06	.05	.05	.05		.05	.06	.08	.08	.07	.07	.05	.06	.03	.045	23	.11
5	.03	.02	.01	.01	.01	.01	.01	.03	.03	.02	.02	.03	.02	.02		.01	.02	.03	.03	.03	.03	.03	.03	.04	.022	23	.10
6	.03	.02	.02	.02	.02	.02	.02	.03	.03	.03	.02	.02	.02	.03		.02	.02	.03	.03	.04	.07	.12	.12	.06	.035	23	.28
7	.06	.08	.10	.12	.16	.13	.16	.17	.15	.09	.02	.02	.02	.02					.05	.04	.04	.04	.03	.03	.076	20	.18
8	.03	.02	.02	.01	.01	.01	.02	.02	.03	.03	.03	.03	.02	.02		.02	.02	.02	.02	.03	.05	.06	.06	.07	.028	23	.07
9*	.06	.04	.03	.02	.01	.02	.01	.02	.02	.02	.02	.01	.02	.02		.02	.02	.02	.02	.03	.03	.04	.05	.05	.026	23	.07
10*	.05	.05	.04	.04	.03	.03	.02	.02	.02	.02	.02	.01	.01	.01		.01	.01	.02	.02	.03	.04	.06	.13	.23	.040	23	.25
11	.23	.17	.12	.09	.08	.06	.06	.06	.06	.05	.04	.04	.05	.05		.03	.03	.03	.03	.03	.05	.08	.12	.10	.071	23	.25
12	.07	.05	.03	.02	.02	.03	.03	.05	.08	.12	.14	.15	.12	.10		.08	.08	.08	.09	.07	.05	.04	.03	.02	.067	23	.15
13	.02	.01	.01	.01	.01	.00	.01	.02	.03	.04	.04	.04	.05	.05		.05	.05	.07	.07	.06	.06	.06	.06	.06	.037	23	.07
14	.05	.04	.04	.03	.03	.02	.03	.05	.06	.06	.05	.04	.03	.04					.05	.06	.05	.04	.04	.04	.041	20	.06
15	.04	.03	.03	.03	.03	.03	.04	.03	.03	.03	.03	.03	.03	.02		.02	.02	.02	.02	.02	.02	.02	.03	.05	.028	23	.06
16*	.07	.09	.09	.09	.08	.08	.09	.09	.07	.06	.04	.01	.01	.01		.01	.01	.02	.03	.02	.03	.02	.02	.02	.047	23	.10
17*	.02	.02	.03	.07	.09	.07	.05	.06	.05	.04	.03	.01	.01	.01			.01	.01	.02	.02	.02	.02	.04	.05	.034	22	.13
18	.09	.12	.11	.14	.12	.11	.14	.15	.13	.12	.09	.07	.05	.05		.05	.06	.07	.07	.06	.06	.05	.05	.08	.088	23	.17
19	.09	.10	.09	.07	.06	.05	.05	.06	.06	.05	.05	.06	.04	.04		.04	.05	.07	.07	.06	.06	.05	.05	.04	.058	23	.10
20	.04	.03	.02	.02	.01	.02	.02	.04	.06	.08	.08	.08	.07	.07		.06	.06	.06	.07	.09	.07	.07	.08	.07	.054	23	.09
21	.06	.05	.05	.04	.03	.04	.05	.08	.10	.11	.10	.07	.04	.02					.03	.03	.02	.02	.03	.03	.050	20	.12
22	.06	.05	.04	.04	.03	.03	.03	.04	.05	.06	.06	.07	.08	.07					.12	.13	.13	.13	.12	.13	.074	20	.14
23*	.13	.12	.12	.12	.10	.09	.08	.08	.08	.07	.06	.05	.04			.01	.01	.01	.02	.02	.02	.02	.02	.03	.058	22	.14
24*	.03	.04	.05	.05	.05	.05	.05	.05	.06	.06	.07	.07	.09	.10			.10	.10	.10	.11	.11	.12	.13	.14	.078	22	.15
25	.15	.13	.12	.10	.10	.12	.14	.14	.12	.11		.10	.08	.06		.05	.06	.06	.05	.07	.08	.09	.07	.06	.093	22	.16
26	.06	.05	.04	.03	.04	.05	.13	.12	.09	.07	.06	.04	.03	.02		.02	.03	.03	.03	.02	.02	.02	.03	.03	.046	23	.16
27	.04	.05	.03	.02	.02	.02	.03	.05	.07	.08	.07	.07	.06	.06		.07	.09	.09	.08	.07	.05	.05	.03	.02	.053	23	.09
28	.02	.02	.01	.01	.01	.01	.01	.04	.06	.07	.07	.07	.07	.07					.05	.06	.03	.02	.02	.01	.035	20	.08
29	.01	.01	.00	.00	.00	.01	.02	.05	.09	.10				.09		.07	.07	.06	.06	.07	.07	.07	.07	.08	.050	20	.11
30*	.08	.06	.05	.05	.03	.04	.06	.07	.06	.05	.04	.04	.04	.03		.02	.02	.01	.01	.02	.04	.04	.06	.07	.043	23	.09
MEAN	.06	.05	.05	.05	.04	.04	.05	.06	.06	.06	.05	.05	.04	.04		.03	.04	.04	.05	.05	.05	.05	.06	.06	.049		
NO.	30	30	30	30	30	30	30	30	30	30	28	29	29	29		22	24	24	29	30	30	30	30	30		664	
MAX	.23	.17	.12	.14	.16	.13	.16	.17	.15	.12	.14	.15	.12	.10		.08	.10	.10	.12	.13	.13	.13	.13	.23	.093		.28

* Indicates Saturday or Sunday
Local standard time used

TABULATED THU., MAY 4, 1967

C 23

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory
Division of Air Pollution, Public H
U. S. Department of Health, Ed

Robert A. Taft
Cincinnati, Ohio

HC VERAGES OF GASEOUS P NT CONCENTRATIONS

PHILADELPHIA, PA.

RATION IN PPM

RIMETRIC ANALYSIS

NITRIC OXIDE
MAY 1966

DAY OF MONTH	AM 12	AM 1	AM 2	AM 3	AM 4	AM 5	AM 6	AM 7	AM 8	AM 9	AM 10	AM 11	PM 12	PM 1	PM 2	PM 3	PM 4	PM 5	PM 6	PM 7	PM 8	PM 9	PM 10	PM 11	PM 12	DAILY MEAN	NO. OF HRS	5 MIN MAX
1*	.09	.13	.18	.15	.12	.11	.10	.10	.09	.07	.04	.0	·2	.01		.02	.02	.03	.03	.03	.05	.03	.03	.02		.065	23	.20
2	.02	.02	.02	.01	.01	.01	.02	.04	.04	.04	.04	.0		.04	.04	.07	.10	.09	.07	.07	.06	.05	.03	.03		.042	23	.12
3	.03	.03	.06	.13	.18	.27	.39	.26	.16	.12	.07	.0		.03	.03	.04	.05	.04	.03	.02	.01	.03	.02	.02		.089	23	.42
4	.01	.01	.01	.01	.01	.03	.05	.06	.05	.04	.04	.0		.04	.03				.05	.07	.09	.07	.06	.06		.042	20	.11
5	.13	.37	.37	.35	.30	.18	.16	.13	.10	.08	.07	.05		.03	.02			.02	.02	.01	.01	.00	.00	.02		.114	21	.40
6	.04	.04	.04	.04	.03	.03	.04	.05	.06	.03	.03	.03		.02	.02		.01	.01	.01	.01	.01	.01	.01	.02		.026	23	.09
7*	.03	.01	.01	.01	.01	.01	.01	.02	.02	.02	.02	.02		.01	.01		.01	.01	.01	.01	.01	.01	.01	.00		.012	23	.03
8*	.00	.00	.00	.00	.00	.00	.00	.02	.02	.02	.03	.02		.04	.03		.02	.02	.01	.02	.02	.02	.01	.02		.014	23	.05
9	.02	.01	.01	.01	.01	.01	.03	.08	.06	.05	.05	.04		.04	.03		.04	.05	.04	.03	.02	.02	.02	.01		.030	23	.08
10	.01	.01	.01	.01	.01	.02	.04	.05	.03	.03	.03	.02		.02	.02		.02	.03	.03	.03	.05	.07	.05	.16	.07	.034	23	.22
11	.02	.02	.03	.01	.03	.12	.13	.13	.06	.03		.03		.03	.02		.01	.02	.03	.05	.06	.02	.02	.01	.01	.039	22	.16
12	.00	.00	.00	.01	.00	.00	.02	.03	.02	.03	.02	.01		.01	.01					.02	.01	.01	.01	.00	.00	.010	20	.04
13	.00	.00	.00	.00	.02	.01	.05	.04	.02	.02	.02	.01		.01	.01		.01	.01	.01	.01	.01	.01	.01	.01	.01	.015	23	.08
14*	.01	.00	.01	.02	.01	.02	.03	.05	.04	.03	.03	.03		.03	.03		.02	.03	.02	.02	.02	.02	.04	.06	.03	.026	23	.07
15*	.03	.05	.07	.09	.05	.10	.07	.06	.03	.02	.01	.01		.01	.01		.01	.01	.01	.01	.01	.01	.01	.01	.01	.030	23	.13
16	.01	.00	.01	.02	.13	.11	.08	.06	.05	.03	.03	.02		.02	.01		.01	.03	.02	.01	.01	.01	.01	.01	.01	.030	23	.16
17	.01	.00	.00	.00	.00	.00	.04	.07	.07	.08	.08	.08		.06	.06			.03	.03	.02	.03	.02	.02	.01	.01	.031	22	.10
18	.01	.01	.00	.01	.00	.02	.04	.07	.06	.04	.05	.04		.03			.04	.06	.02	.01	.01	.01	.01	.01	.01	.024	22	.08
19	.01	.00	.00	.00	.00	.00	.02	.05	.02	.02	.03	.03		.06	.03			.04		.04	.09	.06	.06	.07	.13	.034	21	.15
20	.11	.09	.08	.09	.07	.05	.06	.08	.05	.03	.02	.02		.01			.01	.02	.01	.01	.02	.06	.05	.08	.04	.048	22	.15
21*	.07	.15	.09	.08	.05	.12	.29	.16	.04	.04	.04	.01		.01	.01		.01	.01	.01	.01	.01	.03	.02	.03	.02	.057	23	.33
22*	.01	.01	.01	.01	.01	.01	.01	.01	.02	.01	.01	.02		.02	.02		.01	.01	.01	.02	.02	.03	.04	.02	.04	.016	23	.05
23	.04	.03	.08	.04	.09	.16	.10	.12	.05	.02	.01	.01		.01	.01		.01	.02	.02	.01	.01	.01	.01	.01	.01	.038	23	.19
24	.02	.02	.04	.03	.03	.02	.06	.09						.01	.01		.01	.01	.01	.01	.01	.01	.01	.01	.01	.022	19	.12
25	.02	.01	.01	.02	.03	.05	.11	.12	.16	.14	.12	.10		.06	.09		.06	.03	.03	.02	.01	.01	.01	.04	.10	.058	23	.18
26	.05	.01	.03	.04	.04	.04	.09	.11	.09		.04	.03		.03	.03					.02	.02	.02	.02	.01	.01	.038	19	.12
27	.01	.02	.02	.05	.03	.02	.03	.05	.05	.04	.02	.03		.02	.02		.02	.02	.02	.02	.02	.02	.02	.02	.02	.024	23	.07
28*	.02	.02	.02	.02	.02	.02	.03	.03	.05	.07	.06	.05		.03	.02		.01	.01	.02	.01	.01	.01	.01	.01	.03	.024	23	.07
29*	.02	.01	.02	.02	.01	.01	.02	.02	.02	.02	.02	.02		.02	.01		.01	.01	.01	.01	.04	.07	.07	.02	.02	.022	23	.13
30	.02	.01	.01	.01	.01	.01	.01	.01	.01	.01	.00	.01		.01	.01		.00	.00	.01	.01	.03	.04	.06	.07	.16	.022	23	.21
31	.06	.03	.03	.02	.01	.03	.07	.13	.13	.06	.05	.03		.02	.03		.01	.04	.03	.02	.04	.06	.02	.03	.03	.043	23	.18
MEAN	.03	.04	.04	.04	.04	.05	.07	.07	.05	.04	.04	.03		.03	.02		.02	.03	.02	.02	.02	.03	.03	.03	.03	.036		
NO	31	31	31	31	31	31	31	31	30	29	29	30		31	29		25	26	28	31	31	31	31	31	31		691	
MAX	.13	.37	.37	.35	.30	.27	.39	.26	.16	.14	.12	.10		.06	.09		.07	.10	.09	.07	.07	.09	.07	.16	.16	.114		.42

* Indicates Saturday or Sunday
Local standard time used

TABULATED: THU., MAY 4, 1967

CONTINUOUS AIR MONITORING PROGRAM

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

Air Quality Section, Laboratory
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

PHILADELPHIA, PA.

CONCENTRATION IN PPM

COLORIMETRIC ANALYSIS

NITRIC OXIDE
JUNE 1966

DAY OF MONTH	AM 12	AM 1	AM 2	AM 3	AM 4	AM 5	AM 6	AM 7	AM 8	AM 9	AM 10	AM 11	PM 12	PM 1	PM 2	PM 3	PM 4	PM 5	PM 6	PM 7	PM 8	PM 9	PM 10	PM 11	DAILY MEAN	NO. OF HRS	5 MIN. MAX
1	.02	.02	.05	.05	.03	.03	.06	.06	.04	.03	.02	.02	.02	.03			.04	.05	.08	.10	.13	.11	.07	.05	.049	22	.14
2	.04	.05	.06	.05	.05	.04	.08	.08	.05	.04	.03	.03	.02	.02			.05	.02	.02	.03	.08	.11	.22	.11	.056	22	.26
3	.04	.03	.02	.01	.01	.01	.01	.03	.03	.01	.01	.01	.01	.01		.01	.01	.01	.00	.01	.04	.07	.06	.05	.021	23	.08
4*	.02	.01	.01	.01	.00	.03	.04	.06	.01	.01	.01	.00	.00	.00		.00	.00	.00	.01	.01	.01	.01	.03	.09	.016	23	.12
5*	.11	.09	.05	.03	.02	.02	.02	.02	.02	.02	.01	.02	.01	.01		.00	.00	.00	.01	.01	.03	.03	.05	.06	.027	23	.15
6	.01	.01	.05	.05	.03	.02	.08	.12	.08	.06	.03	.02	.01	.01		.01	.01	.01	.01	.01	.01	.01	.01	.01	.028	23	.13
7	.01	.01	.01	.01		.02	.03	.07	.08	.04	.03	.02	.02	.02		.02	.02	.01	.01						.025	17	.10
8											.01	.01	.00	.01		.01	.01	.01	.01	.01	.01	.03	.04		.013	13	.07
9	.03	.02	.01	.01	.01	.02	.06	.06	.03	.02	.01	.01	.01	.01			.05		.03	.03	.02	.04	.01	.01	.024	21	.08
10	.01	.02	.03	.06	.05	.09	.09	.09	.11		.08	.05	.04	.05		.02	.02	.01	.00	.00	.00	.00	.00	.00	.037	22	.15
11*	.00	.00	.00	.00	.00	.00	.01	.01	.02	.02	.01	.02	.01	.01		.01	.01	.01	.00	.00	.00	.00	.00	.01	.006	23	.02
12*	.01	.01	.01	.01	.00	.01	.02	.02	.02	.01	.02	.02	.01	.01		.01	.01	.01	.01	.01	.01	.01	.01	.02	.012	23	.03
13	.02	.01	.01	.01	.01	.03	.04	.07	.06	.04	.04	.03	.03	.04		.03	.03	.02	.02	.01	.06	.13	.14	.07	.041	23	.26
14	.10	.09	.07	.06	.02	.01	.02	.02	.03	.02	.01	.00	.00	.00		.01	.03	.01	.01	.01	.01	.02	.02	.01	.025	23	.12
15	.02	.02	.03	.04	.03	.06	.05	.04	.03	.03		.02	.01	.01		.01	.02	.02	.01	.02	.09	.17	.14	.19	.047	22	.29
16	.32	.31	.16	.14	.11	.12	.07	.03	.01	.01	.01	.01	.01	.01				.03	.03	.03	.03	.03	.04	.04	.074	21	.46
17	.03	.01	.01	.01	.01	.02	.06	.11	.04	.03	.03	.02	.02	.01		.01	.04	.02	.01	.01	.04	.03	.07	.04	.029	23	.13
18*	.04	.04	.08	.08	.17	.22	.12	.12	.06	.02	.01	.01	.01	.01		.01	.01	.01	.01	.01	.01	.00	.01	.03	.046	23	.27
19*	.02	.01	.01	.02	.02	.02	.03	.03	.03	.01	.01	.01	.02	.02			.01	.01	.00	.01	.01	.02	.02	.01	.015	22	.05
20	.00	.01	.01	.02	.03	.04	.09	.12	.09	.05	.02	.01	.01	.00		.01	.01	.01	.01	.01	.01	.01	.02	.09	.029	23	.17
21	.14	.07	.06	.03	.03	.05	.06	.05	.03	.02	.01	.01	.01	.01		.01	.02	.01	.01	.01	.01	.01	.01	.01	.029	23	.17
22	.01	.01	.01	.01	.01	.02	.04	.06	.04	.04	.03	.03	.02	.01			.03	.02	.01	.02	.01	.08	.01	.01	.023	22	.13
23	.01	.03	.03	.05	.04	.05	.02	.03	.02	.01	.01	.01	.01	.01					.03	.02	.02	.01	.01	.01	.020	20	.08
24	.01	.01	.02	.01	.00	.03	.05	.03	.01	.01	.01	.01	.01	.00			.00	.00	.00	.00	.00	.02	.02	.00	.012	22	.09
25*	.00	.01	.00	.00	.00	.00	.01	.01	.01	.00	.00	.00	.00	.00		.01	.01	.01	.01	.01	.01	.01	.01	.01	.006	23	.02
26*	.01	.01	.01	.01	.00	.01	.01	.01	.01	.01	.00	.02	.01	.01		.01	.02	.01	.01	.01	.01	.01	.02	.02	.009	23	.04
27	.02	.08	.08	.08	.10	.10	.09	.06	.03	.01	.01	.00	.00	.00		.02	.01	.01	.01	.01	.01	.01	.01	.04	.033	23	.13
28	.04	.02	.02	.03	.07	.09	.07	.05	.05	.02	.01	.01	.00	.00			.01	.01	.03	.02	.01	.03	.03	.01	.027	22	.11
29	.02	.00	.00	.00	.00	.01	.03	.04	.01	.01	.01	.00	.00	.00			.02	.02	.02	.02	.03	.03	.03	.03	.015	22	.06
30	.07	.04	.08	.09	.05	.04	.08	.09	.03	.01	.01	.01	.01	.01			.02	.02	.01	.01	.00	.00	.01	.01	.031	22	.11
MEAN	.04	.04	.03	.03	.03	.04	.05	.05	.04	.02	.02	.01	.01	.01		.01	.02	.01	.01	.01	.02	.03	.04	.04	.028		
NO.	29	29	29	29	28	29	29	29	29	28	29	30	30	30		19	27	29	30	29	29	29	29	29		657	
MAX	.32	.31	.16	.14	.17	.22	.12	.12	.11	.06	.08	.05	.04	.05		.03	.05	.05	.08	.10	.13	.17	.22	.19	.074		.46

* Indicates Saturday or Sunday
Local standard time used

TABULATED: THU., MAY 4, 1967

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory [illegible]
Division of Air Pollution, Public [illegible]
U. S. Department of Health, Education and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

PHILADELPHIA, PA.

NITRIC OXIDE
JULY 1966

CONCENTRATION IN PPM

COLORIMETRIC ANALYSIS

DAY OF MONTH	12	1	2	3	4	5	6	7	8	9	10	11	12	PM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS	5 MIN MAX
1	.01	.02	.03	.02	.03	.04	.06	.04	.03	.04	.05	.02		.01	.01		.01	.01	.01	.01	.01	.01	.01	.01	.01	.022	23	.07
2*	.03	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01		.01	.01		.00	.01	.01	.01	.01	.01	.01	.01	.06	.012	23	.09
3*	.15	.18	.07	.04	.07	.06	.03	.02	.02	.01	.01	.01			.01		.01	.01	.01	.01	.01	.00	.00	.01	.01	.034	22	.28
4	.01	.01	.01	.01	.01	.01	.01	.02	.01	.01	.00	.00		.01	.00	.01	.00	.00	.00	.00	.01	.01	.01	.02	.01	.007	24	.05
5																												
6																												
7																												
8																												
9*																												
10*																												
11																												
12																												
13																												
14		.01		.02	.02	.06	.07	.06	.04	.02	.02	.02		.01	.01			.01	.01	.00	.00	.00	.00	.00	.00	.019	20	.09
15	.00	.00	.01	.00	.01	.02	.09	.07	.04	.03	.02	.03		.01	.01		.01	.02	.01	.00	.00	.00	.00		.01	.017	22	.12
16*	.00	.01	.00	.00	.00	.01	.02	.02	.02	.02	.02	.01		.01	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.006	23	.03
17*	.00	.00	.00	.01	.05	.03	.05	.02	.01	.01	.00	.00		.00	.00			.01	.01	.00	.01	.01	.01	.01	.03	.012	22	.07
18	.06	.04	.03	.02	.01	.01	.04	.04	.01	.02	.02	.01		.01	.00		.00	.01	.01	.01	.01	.02	.02	.02	.01	.018	23	.09
19	.00	.00	.00	.00	.01	.02	.05	.08	.05	.03	.02	.01		.01	.01		.01	.01	.02	.01	.01	.01	.03	.04	.03	.019	23	.10
20	.02	.00	.00	.00	.00	.01	.03	.07	.03	.02	.01	.01		.01	.01		.01	.02	.02	.01	.01	.02	.02	.02	.02	.016	23	.08
21	.03	.01	.02	.03	.02	.04	.06	.05	.04	.03	.02	.01		.01	.01				.02	.01	.01	.01	.01	.01	.01	.021	21	.07
22	.01	.02	.02	.05	.06	.08	.06	.03	.02	.01	.01	.01		.01	.00				.01	.01	.01	.01	.01	.01	.01	.022	21	.10
23*	.01	.02	.03	.02	.01	.02	.02	.05	.01	.01	.01	.01		.01	.01		.00	.00	.00	.00	.00	.01	.01	.03	.02	.013	23	.08
24*	.01	.01	.00	.00	.01	.02	.01	.01	.00	.00	.01	.00		.00	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.003	23	.02
25	.00	.00	.00	.02	.02	.03	.06	.05	.03	.01	.00	.00		.00	.00		.00	.01	.01	.01	.01	.01	.01	.01	.03	.014	23	.07
26	.05	.06	.08	.07	.09	.11	.13	.09	.04	.02	.01	.00		.00	.00			.01	.01	.01	.01	.01	.02	.02	.03	.039	22	.16
27	.03	.02	.01	.01	.01	.01	.04	.05	.03	.02	.01	.01		.01	.01			.00	.00	.00	.00	.00	.00	.01	.01	.013	22	.07
28	.00	.00	.00	.00	.00	.00	.01	.02	.06	.07	.04	.01		.01	.01			.02	.02	.04	.02	.03	.05	.07	.07	.025	22	.12
29	.09	.05	.03	.03	.03	.03	.05	.07	.06	.03	.02	.01		.01	.01			.04	.04	.03	.02	.02	.02	.03	.02	.033	22	.12
30*	.02	.01	.01	.01	.01	.02	.02	.03	.03	.03	.03	.03		.02	.02		.01	.01	.02	.01	.02	.02	.03	.06	.04	.022	23	.07
31*	.03	.05	.03	.03	.02	.03	.03	.02	.01	.00	.00	.00		.01	.01		.00	.00	.00	.00	.00	.01	.01	.01	.06	.015	23	.08
MEAN	.03	.02	.02	.02	.02	.03	.04	.04	.03	.02	.02	.01		.01	.01			.01	.01	.01	.01	.01	.01	.02	.02	.018		
NO.	21	22	21	22	22	22	22	22	22	22	22	22		21	22	1	14	20	22	22	22	22	22	21	22		493	
MAX	.15	.18	.08	.07	.09	.11	.13	.09	.06	.07	.05	.03		.02	.02	.01	.01	.04	.04	.04	.02	.03	.05	.07	.07	.039		.28

* Indicates Saturday or Sunday
Local standard time used

TABULATED THU., MAY 4, 1967

CONTINUOUS AIR MONITORING PROGRAM

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

Air Quality Section, Laboratory [illegible]
Division of Air Pollution, Public [illegible]
U. S. Department of Health, [illegible]

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

CONCENTRATION IN PPM

COLORIMETRIC ANALYSIS

PHILADELPHIA, PA.

NITRIC OXIDE
AUG. 1966

DAY OF MONTH	AM 12	AM 1	AM 2	AM 3	AM 4	AM 5	AM 6	AM 7	AM 8	AM 9	AM 10	AM 11	PM 12	PM 1	PM 2	PM 3	PM 4	PM 5	PM 6	PM 7	PM 8	PM 9	PM 10	PM 11	DAILY MEAN	NO. OF HRS.	5 MIN. MAX.
1	.06	.01	.01	.00	.01	.02	.03	.04	.01	.00	.00	.00	.01	.01		.01	.01	.01	.01	.00	.01	.01	.01	.00	.012	23	.09
2	.00	.00	.00	.00	.00	.00	.01	.04	.03	.02	.01	.01	.01	.01		.01	.01	.02	.01	.01	.01	.00	.00	.01	.009	23	.05
3	.00	.00	.00	.00	.00	.00	.02	.03	.03	.02	.02	.01	.01	.02		.02	.02	.02	.02	.04	.07	.11	.15	.24	.036	23	.29
4	.19	.18	.12	.14	.16	.20	.26	.15	.12	.08	.04	.01	.00	.00			.00	.00	.00	.00	.00	.00	.00	.00	.075	22	.30
5	.00	.00	.00	.00	.00	.01	.05	.10	.10	.07	.02	.02	.01	.01			.03	.02	.01	.08	.02	.04	.03	.02	.027	22	.11
6*	.01	.16	.43	.37	.27	.16	.12	.08	.03	.01	.00	.00	.00	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.072	23	.45
7*	.01	.04	.02	.02	.02	.01	.01	.01	.01	.01	.01	.01	.01	.01			.01	.01	.01	.01	.01	.01	.01	.01	.013	22	.07
8	.02	.02	.01	.01	.01	.01	.03	.05	.04	.02	.01	.02	.01	.01		.01	.01	.00	.00	.01	.01	.01	.02	.01	.014	23	.06
9	.01	.00	.00	.01	.00	.04	.10	.12	.09	.05	.03	.02	.01	.01		.02	.02	.03	.01	.01	.01	.03	.03	.03	.030	23	.13
10	.03	.03	.02	.01	.01	.02	.02	.04	.03	.02	.01	.01	.01	.01		.01	.01	.01	.00	.00	.00	.00	.01	.01	.014	23	.05
11	.01	.01	.01	.01	.01	.01	.02	.06	.04	.05	.03	.02	.02	.01			.01	.01	.01	.02	.02	.02	.02	.02	.019	22	.08
12	.01	.01	.01	.01	.01	.01	.01	.01	.01	.02	.02	.02	.02	.01		.01	.01	.01	.01	.01	.02	.03	.03	.04	.015	23	.04
13*	.01	.01	.01	.01	.01	.01	.02	.02	.02	.02	.01	.02	.01	.01		.01	.01	.01	.01	.01	.02	.04	.04	.10	.017	23	.11
14*	.06	.17	.21	.15	.07	.12	.12	.06	.02	.01	.01	.00	.00	.01				.02	.05	.08	.02	.01	.01	.01	.056	21	.23
15	.01	.01	.01	.01	.01	.05	.09	.12	.17	.13	.09	.05	.03	.02		.03	.02	.02	.01	.01	.01	.01	.01	.01	.040	23	.27
16	.02	.06	.08	.07	.04	.09	.11	.09	.09	.07						.00	.01	.00	.00	.00	.00	.00	.01	.07	.042	19	.14
17	.02	.01	.01	.01	.01	.02	.04	.04	.03	.02	.02	.02	.01	.01		.02	.02	.02	.02	.03	.03	.06	.18	.12	.033	23	.25
18	.09	.09	.09	.12	.18	.26	.38	.35	.04	.02	.01	.01	.01	.01			.01	.01	.01	.01	.01	.01	.02	.03	.079	22	.53
19	.04	.04	.02	.01	.01	.01	.04	.05	.02	.02	.02	.01	.01	.00		.00	.01	.01	.01	.01	.02	.06	.05	.05	.022	23	.10
20*	.01	.01	.01	.00	.00	.01	.02	.02	.02	.03	.05	.05	.02	.02		.01	.00	.00	.00	.00	.01	.00	.01	.01	.013	23	.06
21*	.01	.01	.01	.01	.01	.03	.04	.04	.11	.02	.01	.01	.01			.00	.01	.01	.01	.02	.04	.04	.01	.01	.020	22	.14
22	.00	.00	.00	.00	.00	.01	.02	.07	.05	.03	.03	.03	.03	.02			.01	.01	.00	.01	.01	.01	.00	.00	.015	22	.10
23	.00	.00	.00	.00	.00	.03	.08	.08	.05	.02	.02	.02	.02	.02			.02	.01	.01	.01	.02	.04	.03	.03	.022	22	.12
24	.02	.01	.01	.01	.01	.05	.09	.06	.05	.04	.03	.03	.02	.02		.03	.03	.03	.03	.05	.08	.09	.11	.14	.045	23	.16
25	.08	.04	.03	.01	.01	.04	.11	.16	.08	.03	.02	.03	.02	.03			.03	.02	.01	.01	.02	.04	.05	.06	.042	22	.17
26	.02	.01	.01	.01	.02	.05	.06	.04	.03	.02	.01	.01	.01	.01	.00		.01	.01	.01	.01	.04	.08	.02	.22	.030	23	.28
27*	.03	.17	.13	.06	.03	.04	.05	.04	.03	.01	.01	.01	.01	.01			.01	.00	.01	.02	.02	.02	.04	.03	.034	22	.26
28*	.03	.02	.01	.01	.01	.01	.02	.01	.01	.01	.01	.01	.01	.01			.01	.01	.01	.01	.04	.09	.13	.23	.031	22	.28
29	.33	.29	.14	.14	.12	.18	.25	.25	.08	.08	.04	.01	.00	.00											.136	14	.38
30																											
31	.08	.05	.03	.06	.06	.04	.05	.05	.04	.03	.03	.01	.01	.01		.01	.01	.01	.01	.01	.01	.03	.06	.06	.033	23	.10
MEAN	.04	.05	.05	.04	.04	.05	.08	.07	.05	.03	.02	.02	.01	.01		.01	.01	.01	.01	.01	.02	.03	.04	.05	.033		
NO.	30	30	30	30	30	30	30	30	30	30	29	29	29	28	1	17	28	29	29	29	29	29	29	29		664	
MAX	.33	.29	.43	.37	.27	.26	.38	.35	.17	.13	.09	.05	.03	.03	.00	.03	.03	.03	.05	.08	.08	.11	.18	.24	.136		.53

* Indicates Equivalent to Sunday
Local standard time used

TABULATED THU., MAY 4, 1967

C.27

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory [illegible]
Division of Air Pollution, Public Health [illegible]
U. S. Department of Health, Education and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

POLLUTION IN PPM

COLORIMETRIC ANALYSIS

PHILADELPHIA, PA.

NITRIC OXIDE
SEPT. 1966

DAY OF MONTH	AM 12	AM 1	AM 2	AM 3	AM 4	AM 5	AM 6	AM 7	AM 8	AM 9	AM 10	AM 11	PM 12	PM 1	PM 2	PM 3	PM 4	PM 5	PM 6	PM 7	PM 8	PM 9	PM 10	PM 11	DAILY MEAN	NO. OF HRS	5 MIN MAX
1	.05	.05	.06	.09	.05	.03	.05	.05	.05	.02	.02	.01	.01	.01			.00	.00	.00	.04	.02	.02	.04	.04	.031	22	.12
2	.01	.00	.01	.01	.02	.07	.14	.12	.06	.03	.02	.01	.01	.01			.02	.02	.02	.03	.02	.03	.04	.02	.032	22	.19
3*	.04	.02	.02	.01	.02	.03	.07	.08	.05	.01	.01	.00	.00	.00		.00	.01	.01	.01	.02	.01	.01	.01	.01	.020	23	.11
4*	.01	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00							.00	.00	.00	.01	.01	.02	.01	.004	18	.02
5	.01	.00	.00	.00	.00	.01	.02	.02	.01	.01	.00	.01	.01	.01		.01	.01	.01	.01	.02	.03	.03	.05	.05	.013	23	.06
6	.04	.01	.01	.01	.02	.03	.08	.06	.03	.02	.02	.01	.01	.01		.01	.02	.02	.02	.05	.07	.11	.10	.05	.035	23	.18
7	.04	.03	.02	.03	.02	.03	.07	.10	.07	.04	.03	.03	.03	.03		.04	.04	.04	.04	.06	.07	.08	.07	.06	.046	23	.12
8	.04	.02	.02	.02	.02	.03	.07	.07	.06	.05	.03	.03	.02	.02			.07	.05	.03	.04	.03	.03	.09	.10	.042	22	.17
9	.08	.07	.04	.03	.03	.05	.08	.10	.08	.06	.04	.03	.02	.02		.03	.02	.03	.06	.04	.08	.08	.15	.10	.058	23	.19
10*	.06	.07	.03	.01	.01	.02	.02	.04	.02	.02	.01	.01	.01	.01			.01	.01	.02	.07	.09	.11	.15	.13	.042	22	.19
11*	.08	.05	.04	.02	.02	.01	.01	.01	.01	.00	.00	.00	.00				.01	.00	.00	.01	.01	.01	.00	.01	.013	21	.11
12	.00	.01	.03	.06	.06	.07	.12	.19	.14	.06	.04	.02	.02	.03		.02	.03	.03	.02	.03	.03	.08	.06	.05	.051	23	.22
13	.04	.02	.02	.02	.03	.05	.11	.19	.13	.06	.04	.03	.03	.02		.04	.04	.03	.02	.03	.03	.04	.03	.04	.047	23	.24
14	.04	.04	.04	.03	.04	.04	.11	.10	.08	.07	.06	.05	.06	.08		.06	.08	.12	.08	.06	.05	.04	.04	.04	.059	23	.15
15	.02	.01	.01	.01	.01	.02	.05	.07	.07	.05	.03	.04	.05						.01	.01	.01	.01	.01	.01	.026	19	.08
16	.01	.01	.01	.01	.01	.04	.08	.09	.07	.04	.03	.02	.02	.02			.07	.06	.10	.24	.41	.27	.15	.14	.087	22	.47
17*	.19	.14	.16	.16	.14	.15	.16	.18	.14	.08	.04	.04	.02	.02		.02	.02	.02	.01	.02	.03	.02	.02	.12	.082	23	.23
18*	.06	.11	.32	.52	.41	.29	.20	.21	.19	.11	.03	.02	.01	.01		.01	.01	.01	.01	.01	.01	.01	.02	.02	.112	23	.58
19	.02	.01	.02	.02	.02	.11	.17	.22	.22	.12	.08	.05	.02	.02		.02	.03	.02	.01	.02	.02	.02	.01	.01	.054	23	.26
20	.02	.02	.01	.01	.01	.03	.07	.08	.06	.07	.10	.09	.05	.05		.05	.04	.04	.05	.03	.02	.01	.01	.01	.039	23	.11
21	.01	.01	.01	.01	.01	.01	.02	.05	.05	.05	.07	.12	.10	.15		.08	.11	.11	.11	.10	.10	.12	.13	.11	.071	23	.21
22	.05	.03	.02	.01	.01	.02	.05	.06	.06	.07	.04	.05	.06	.05			.05	.07	.05	.06	.05	.03	.02	.02	.041	22	.09
23	.02	.01	.01	.01	.01	.02							.03	.02		.02	.02	.03	.03	.06	.06	.08	.08	.07	.032	17	.08
24*	.07	.05	.05	.03	.03	.02	.02	.02	.02	.02	.02	.02	.02	.02		.02	.02	.02	.02	.02	.03	.03	.03	.04	.027	23	.07
25*	.04	.05	.06	.06	.05	.04	.04	.04	.04	.04	.04	.04	.03	.02		.02	.02	.03	.03	.03	.03	.03	.03	.03	.036	23	.06
26	.04	.04	.04	.05	.05	.06	.06	.09	.11		.09	.08	.07	.05		.04	.03	.03	.04	.06	.07	.07	.07	.08	.060	22	.11
27	.08	.08	.08	.09	.09	.10	.14	.17	.20	.21	.19	.18	.16	.14		.09	.12	.10	.08	.08	.06	.07	.07	.05	.113	23	.22
28	.04	.03	.03	.03	.02	.03	.06	.09	.11	.11	.09	.08	.09	.09		.08	.12	.11	.08	.07	.06	.05	.03	.02	.066	23	.15
29	.01	.01	.01	.01	.02	.04	.07	.10	.09	.07	.04	.06	.03	.04			.04	.04	.04	.06	.04	.06	.06	.04	.043	22	.12
30	.05	.04	.03	.02	.03	.05	.09	.09	.04	.02	.01	.01	.01	.01		.01	.02	.04	.03	.02	.02	.02	.02	.01	.029	23	.11
MEAN	.04	.03	.04	.05	.04	.05	.08	.09	.08	.05	.04	.04	.03	.04		.03	.04	.04	.03	.04	.05	.05	.05	.05	.048		
NO.	30	30	30	30	30	30	29	29	29	28	29	28	29	27		20	28	29	30	30	30	30	30	30		665	
MAX	.19	.14	.32	.52	.41	.29	.20	.22	.22	.21	.19	.18	.16	.15		.09	.12	.12	.11	.24	.41	.27	.15	.14	.113		.58

* Indicates Saturday or Sunday
Local standard time used

TABULATED THU., MAY 4, 1967

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory
Division of Air Pollution, Public
U. S. Department of Health,

Robert A. Taft Sanitary Engineering
Cincinnati, Ohio

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

PHILADELPHIA, PA.

CONCENTRATION IN PPM

COLORIMETRIC ANALYSIS

NITRIC OXIDE
OCT. 1966

DAY OF MONTH	AM 12			3	3.5	5-6	AM 6-7			9-10	10-11	11-12	PM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5 MIN MAX
1*	.01	.01	.01	.01	.00	.00	.01	.01	.01	.02	.02	.02	.02	.02		.02	.02	.02	.02	.03	.02	.01	.03	.04	.016	23	.04
2*	.03	.04	.03	.02	.02	.03	.04	.03	.02	.02	.02	.01	.01	.02			.03	.04	.15	.47	.66	.67	.63	.57	.161	22	.74
3	.52	.48	.30	.27	.26	.34	.44	.49	.48	.25	.11	.05	.04	.02			.02	.01	.01	.01	.01	.02	.01	.01	.189	22	.55
4	.01	.01	.01	.01	.01	.02	.07	.14	.07	.04	.03	.01	.02	.02		.01	.01	.04	.03	.06	.10	.10	.14	.09	.044	23	.17
5	.06	.07	.05	.03	.03	.04	.07	.09	.11	.08	.08	.05	.03	.02		.02	.04	.04	.05	.05	.02	.02	.02	.02	.046	23	.13
6	.02	.01	.01	.01	.02	.04	.06	.07	.04	.02	.02	.02	.02	.02			.04	.04	.06	.08	.05	.06	.07	.07	.037	22	.09
7	.06	.04	.03	.02	.02	.04	.08	.11	.09	.05	.03	.02				.03	.02	.03	.04	.07	.08	.07	.06	.07	.051	21	.12
8*	.08	.09	.08	.08	.09	.09	.10	.10	.09	.08	.06	.03	.02	.02		.01	.02	.01	.03	.03	.04	.05	.07	.09	.059	23	.11
9*	.09	.10	.07	.06	.04	.05	.05	.04	.05	.04	.05	.05	.02	.02			.01	.01	.01	.01	.01	.01	.01	.01	.036	22	.11
10	.01	.01	.01	.01	.01	.01	.03	.03	.04	.05	.03	.05	.03	.03		.03	.04	.05	.07	.07	.09	.12	.20	.28	.056	23	.34
11	.10	.05	.05	.06	.05	.07	.17	.22	.16	.13	.08	.03	.02	.02		.03	.04	.05	.10	.07	.09	.08	.05	.03	.075	23	.24
12	.02	.01	.01	.01	.01	.02	.06	.08	.05	.04	.03	.03	.02	.03		.04	.05	.04	.04	.06	.05	.05	.05	.06	.037	23	.09
13	.06	.07	.20	.15	.24	.26	.35	.39	.33	.15	.15	.08	.04	.03			.03	.01	.01	.01	.01	.01	.01	.01	.117	22	.45
14	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		.01		.02	.02	.02	.01	.01	.01	.01	.02	.01	.007	22	.03
15*	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00						.01	.01	.02	.03	.08	.04	.02	.02	.02	.011	19	.05
16*	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.03	.02	.02	.02			.03	.03	.04	.04	.04	.04	.04	.03	.023	22	.05
17	.02	.02	.02	.01	.02	.02	.05	.06		.09	.07	.06	.06	.06		.06	.07	.04	.05						.046	17	.09
18																											
19																											
20	.02	.01	.01	.01	.01	.01	.00	.01	.05			.03	.03	.04	.04		.03	.02	.02	.02	.02	.04	.04	.04	.022	21	.06
21	.02	.02	.02	.02	.04	.10	.12	.24	.15	.07	.06	.04				.03	.04	.05	.08	.09	.09	.12	.10	.15	.078	21	.35
22*	.13	.17	.16	.15	.16	.12	.19	.15	.17	.15	.06	.04	.04	.02		.01	.01	.02	.02	.06	.05	.03	.07	.10	.089	23	.26
23*	.11	.09	.09	.08	.06	.13	.13	.13	.15	.08	.10	.05	.03	.03			.09	.05	.05	.38	.25	.52	.46	.17	.147	22	.71
24	.20	.34	.14	.06	.03	.02						.02	.03	.03		.05	.07	.08	.16	.21	.18	.15	.11	.13	.111	18	.39
25	.05	.04	.04	.02	.01	.03	.07	.14	.10	.13	.12	.12	.15	.13		.19	.17	.14	.21	.32	.37	.29	.18	.16	.138	23	.44
26	.16	.15	.12	.12	.13	.17	.27	.36		.10	.08	.10	.06	.05		.06	.10	.15							.134	16	.39
27																											
28	.29	.27	.20	.12	.11	.12	.18	.24	.21	.15	.07	.04	.03	.03			.07	.18	.62	.98	.75	.901	.041	.05	.347	22	1.15
29*	.85	.63	.66	.55	.40	.42	.28	.20	.18	.13	.06	.04	.03	.02		.01	.01	.01	.01	.02	.02	.01	.02	.01	.198	23	1.00
30*	.01	.01	.01	.01	.01	.00	.01	.01	.01	.01	.01	.02	.02	.02		.02	.04	.05	.09	.08	.09	.15	.26	.22	.050	23	.34
31	.52	.48	.48	.22	.10	.07	.08	.13	.12	.06	.03	.02	.01	.01		.01	.02	.03	.02	.02	.03	.03	.03	.03	.109	23	.64
MEAN	.12	.11	.10	.08	.07	.08	.11	.13	.11	.07	.06	.04	.03	.03		.04	.04	.05	.07	.12	.12	.14	.14	.13	.087		
NO	28	28	28	28	28	28	27	27	25	26	25	27	24	25	1	19	28	28	27	26	26	26	26	26		607	
MAX	.85	.63	.66	.55	.40	.42	.44	.49	.48	.25	.15	.12	.15	.13	.04	.19	.17	.18	.62	.98	.75	.901	.041	.05	.347		1.15

* Indicates Saturday or Sunday
Local standard time used

TABULATED THU., MAY 4, 1967

C. 29

CONTINUOUS AIR MONITORING PROGRAM

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

Air Quality Section, Laboratory
Division of Air Pollution, Public Health
U.S. Department of Health, Education and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio

PHILADELPHIA, PA.

NITRIC OXIDE
NOV. 1966

CONCENTRATION IN PPM

COLORIMETRIC ANALYSIS

DAY OF MONTH	AM 1	AM 2	AM 3	AM 4	AM 5	AM 6	AM 7	AM 8	AM 9	AM 10	AM 11	AM 12	PM 12-1	PM 1-2	PM 2-3	PM 3-4	PM 4-5	PM 5-6	PM 6-7	PM 7-8	PM 8-9	PM 9-10	PM 10-11	PM 11-12	DAILY MEAN	NO. OF HRS.	5 MIN. MAX.
1	.03	.03	.06	.07	.05	.04	.05	.21	.15	.10	.04	.03	.02	.02		.01	.02	.03	.04	.07	.08	.09	.11	.06	.061	23	.25
2	.04	.03	.02	.03	.01	.02	.04	.07	.10	.09	.08	.06	.05	.07		.07	.09	.13	.06	.08	.06	.03	.02	.03	.054	23	.17
3	.01	.01	.01	.02	.00	.02	.07	.07	.07	.08	.06	.04	.04	.03			.06	.04	.03	.03	.03	.02	.02	.02	.035	22	.10
4	.01	.01	.01	.01	.01	.01	.01	.03	.04	.03	.03	.02	.02	.01			.02	.04	.05	.05	.05	.06	.08	.10	.031	22	.10
5*	.08	.09	.09	.07	.04	.04	.06	.07	.08	.06	.06	.05	.02	.02		.01	.01	.01	.00	.00	.01	.01	.01	.02	.039	23	.10
6*	.02	.02	.02	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01			.04	.06	.05	.05	.04	.04	.04	.03	.025	22	.09
7	.06	.09	.11	.12	.08	.08	.08	.10	.14	.10	.06	.03	.02	.02		.03	.05	.05	.03	.02	.02	.04	.01	.01	.057	23	.15
8	.01	.01	.01	.01	.00	.01	.02	.03	.03	.04	.03	.02	.02	.01		.01	.01	.02	.02	.02	.03	.03	.04	.03	.020	23	.05
9																											
10																											
11		.02	.02	.02	.02	.02	.06	.12	.13	.08	.05	.05	.03	.03		.05	.05	.06	.11	.14	.11	.11	.10	.09	.067	22	.17
12*	.08	.08	.08	.09	.10	.09	.11	.16	.18	.20	.23	.15	.02	.02		.07	.08	.09	.10	.06	.06	.06	.04	.06	.095	23	.25
13*	.08	.08	.07	.06	.06	.05	.02	.02	.02	.02	.02	.02	.03	.02					.11	.13	.16		.09	.07	.059	19	.17
14	.06		.04					.12		.18	.19		.06	.04			.05	.12	.12	.13	.12	.13	.14	.17	.111	15	.21
15																											
16																											
17	.06	.05	.06	.02	.02	.03	.07	.14	.21	.17	.14	.10	.08	.08			.04	.04	.07	.11	.10	.10	.14	.10	.087	22	.25
18	.09	.04	.05	.08	.05	.07	.07	.08	.14	.11	.12	.10	.10	.11			.12	.14	.14	.14	.16	.15	.16	.15	.107	22	.18
19*	.11	.05	.02	.02	.01	.01	.01	.02	.03	.03	.03	.03	.03	.03		.03	.03	.05	.05	.06	.05	.06	.04	.05	.036	23	.13
20*	.04	.04	.04	.03	.02	.02	.01	.03	.02	.02	.03	.02	.02	.03			.05	.08	.07	.08	.09	.11	.14	.14	.051	22	.16
21	.35	.32	.26	.20	.17	.16	.20	.27	.41	.19	.15	.10	.07	.05		.09	.11	.15	.15	.20	.30	.21	.23	.24	.206	23	.52
22	.27	.24	.23	.23	.26	.22	.25	.34	.42	.34	.23	.15	.10	.07		.10	.15	.24	.38	1.03	1.87	1.20	.22	.60	.396	23	1.98
23	1.15	.98	.71	.62	.41	.25	.36	.43	.60	.29	.22	.16	.06	.05			.11	.12	.14	.16	.19	.18	.21	.17	.334	22	1.21
24	.17	.29	.48	.27	.27	.39	.35	.43	.36	.28	.25	.10	.05	.05		.06	.11	.21	.20	.23	.32	.78	1.69	1.83	.398	23	1.98
25	1.48	1.45	1.07	.96	.68	.60	.66	1.08	.65	.45	.33	.19	.12	.10			.09	.05	.07	.08	.10	.11	.12	.19	.482	22	1.79
26*	.12	.12	.19	.08	.03	.02	.05	.14	.14	.11	.07	.05	.04	.04			.06	.12	.10	.12	.20	.21	.17	.17	.106	22	.28
27*	.18	.13	.13	.13	.13	.13	.14	.16	.13	.13	.15	.13	.10	.10		.10	.12	.11	.09	.08	.03	.03	.03	.03	.108	23	.23
28	.02	.01	.01	.00	.00	.00	.01	.02	.05	.04	.03	.02	.02	.01		.06	.08	.07	.04	.02	.02	.03	.07	.06	.029	23	.11
29																											
30																											
MEAN	.20	.18	.16	.14	.10	.10	.12	.17	.17	.13	.11	.07	.05	.04			.07	.09	.09	.13	.18	.16	.16	.19	.106		
NO.	23	23	24	23	23	23	23	24	23	24	24	23	24	24		13	23	23	24	24	24	23	24	24		530	
MAX	1.48	1.45	1.07	.96	.68	.60	.66	1.08	.65	.45	.33	.19	.12	.11		.10	.15	.24	.38	1.03	1.87	1.20	1.69	1.83	.482		1.98

* Indicates Saturday or Sunday
Local standard time used

TABULATED THU., MAY 4, 1967

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of [illegible] and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

PHILADELPHIA, PA.

CONCENTRATION IN PPM

COLORIMETRIC ANALYSIS

NITRIC OXIDE
DEC. 1966

DAY OF MONTH	AM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	PM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS	5 MIN MAX
1		.09	.06	.05	.05	.05	.08	.12	.12	.07	.05	.04	.04	.07											.068	13	.17
2																											
3*	.03	.02	.02	.01	.01	.01	.02	.04	.06	.04	.04	.04	.04	.04			.04	.04	.03	.02	.02	.02	.01	.02	.028	22	.07
4*	.02	.02	.02	.02	.02	.01	.02	.03	.04	.03	.03	.03	.04	.04			.11	.17	.13	.22	.32	.20	.11	.10	.078	22	.39
5	.11	.09	.07	.05	.06	.06	.11	.27	.42	.37	.32	.23	.09	.06			.06	.06	.05	.06	.06	.07	.08	.12	.129	22	.47
6	.12	.12	.11	.07	.07	.06	.08	.19	.21	.15	.11	.09	.09	.10		.16	.16	.22	.25	.18	.19	.24	.16	.15	.140	23	.30
7	.10	.08	.08	.05	.05	.05	.09	.13	.12	.09	.07	.05	.05	.04			.06	.08	.07	.06	.05	.06	.04	.03	.067	22	.15
8	.02	.08	.07	.03	.07	.09	.14	.18	.24	.18	.17	.15					.06	.13	.10	.08	.06	.06	.09	.12	.105	20	.27
9	.10	.08	.08	.07	.06	.07	.09	.20	.23	.14	.15	.14	.10	.06			.09	.16	.17	.16	.14	.16	.15	.15	.124	22	.30
10*	.17	.17	.15	.17	.11	.09	.05	.07	.06	.05	.07	.07	.03	.03		.02	.03	.02	.02	.02	.02	.01	.01	.01	.061	23	.20
11*	.02	.02	.02	.02	.02	.01	.02	.03	.03	.04	.04	.03	.04	.04			.04	.05	.04	.04	.03	.03	.03	.02	.029	22	.06
12	.01										.05	.04	.05	.05		.08	.09	.14	.15	.11	.10	.08	.06	.04	.074	14	.17
13	.05	.04	.03	.04	.05	.06	.09	.14	.18	.15	.15	.15	.16	.19		.19	.21	.21	.17	.12	.08	.06	.04	.03	.111	23	.23
14	.02	.01	.01	.01	.00	.00	.01	.08	.14	.13	.10	.08	.10	.15		.09	.10	.16	.13	.08	.06	.05	.03	.03	.068	23	.19
15	.03	.02	.03	.02	.02	.01	.03	.07	.13	.12		.01	.03	.05			.07	.09	.09	.08	.13	.13	.06	.22	.068	21	.30
16	.28	.19	.13	.07	.12	.20	.35	.53	.26	.16	.17	.14	.10	.09		.11	.11	.10	.10	.13	.17	.19	.13	.14	.171	23	.61
17*	.16	.13	.11	.14	.13	.13	.18	.28	.32	.33	.27	.23	.26	.16		.13	.12	.18	.22	.28	.27	.09	.09	.13	.189	23	.36
18*	.18	.20	.23	.13	.15	.09	.09	.09	.08	.09	.16	.12	.13	.07			.05	.10	.14	.24	.25	.09	.07	.04	.125	22	.36
19	.03	.01	.01	.00	.00	.00	.01	.05	.07	.06	.07	.06	.06	.04			.10	.11	.09	.07	.07	.06	.06	.03	.048	22	.16
20	.06	.07	.08	.09	.09	.09	.13	.19	.26	.20	.20	.19	.18	.20		.25	.26	.25	.22	.17	.08	.08	.09	.07	.151	23	.29
21	.05	.04	.03	.02	.01	.01	.02	.05	.08	.09	.08	.07	.06	.06		.13	.16	.23	.16	.13	.12	.14	.12	.12	.086	23	.27
22	.10	.07	.04	.06	.05	.04	.13	.17	.25	.20	.15	.13	.09	.08				.11	.17	.16	.16	.15	.17	.11	.121	21	.28
23	.11	.12	.07	.07	.04	.04	.08	.15	.20	.15	.11	.10	.11	.08			.09	.07	.07	.06	.07	.04	.03	.03	.084	22	.25
24*	.02	.01	.01	.00	.00	.00	.01	.01	.02	.03	.04	.04	.03	.03		.02	.02	.01	.01	.01	.01	.01	.00	.00	.015	23	.05
25*	.00	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01			.01	.01	.01	.01	.01	.02	.02	.02	.010	22	.02
26	.01	.01	.01	.01	.01	.01	.02	.02	.02	.03	.03	.02	.02	.02		.02	.03	.04	.04	.08	.05	.06	.06	.04	.027	23	.07
27	.04	.03	.02	.03	.03	.03	.05	.09	.12	.09	.07	.06	.05	.05		.07	.08	.15	.13	.12	.14	.20	.21	.20	.088	23	.33
28	.19	.23	.12	.17	.11	.10	.12	.17	.26	.25	.27	.25	.19	.10		.06	.08	.07	.08	.06	.06	.06	.04	.04	.133	23	.31
29	.03	.05	.08	.03	.01	.01	.03	.09	.10	.08	.08	.06	.04	.05			.02	.02	.02	.01	.01	.01	.01	.01	.038	22	.12
30	.01	.01	.01	.00	.00	.01	.02	.04	.05	.05	.04	.06	.05	.04		.05	.05	.07	.06	.06	.06	.06	.05	.07	.039	23	.08
31*	.06	.06	.04	.04	.05	.05	.07	.15	.15	.16	.06	.07	.09	.11			.11	.09	.06	.06	.05	.06	.09	.22	.087	22	.29
MEAN	.07	.07	.06	.05	.05	.05	.07	.12	.15	.12	.11	.09	.08	.07			.08	.11	.10	.10	.10	.08	.07	.08	.086		
NO.	29	29	29	29	29	29	29	29	29	29	29	30	29	29		14	28	29	29	29	29	29	29	29		652	
MAX	.28	.23	.23	.17	.15	.20	.35	.53	.42	.37	.32	.25	.26	.20		.25	.26	.25	.25	.28	.32	.24	.21	.22	.189		.61

* Indicates Saturday or Sunday
Local standard time used

TABULATED THU., MAY 4, 1967

CONTINUOUS AIR MONITORING PROGRAM

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

Air Quality Section, Laboratory [illegible]
Division of Air Pollution, Public [illegible]
U. S. Department of Health, Education and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio

PHILADELPHIA, PA.

NITROGEN DIOXIDE
JAN. 1966

CONCENTRATION IN PPM

COLORIMETRIC ANALYSIS

DAY OF MONTH	AM 12-1	AM 1-2	AM 2-3	AM 3-4	AM 4-5	AM 5-6	AM 6-7	AM 7-8	AM 8-9	AM 9-10	AM 10-11	AM 11-12	PM 12-1	PM 1-2	PM 2-3	PM 3-4	PM 4-5	PM 5-6	PM 6-7	PM 7-8	PM 8-9	PM 9-10	PM 10-11	PM 11-12	DAILY MEAN	NO. OF HRS	5 MIN MAX
1*	.04	.03	.03	.04	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03		.02	.03	.03	.03	.03	.03	.03	.03	.03	.030	23	.04
2*	.03	.03	.03	.03	.03	.02	.02	.02	.02	.02	.02	.02	.02	.02		.02	.02	.02	.02	.02	.02	.02	.02	.02	.022	23	.03
3	.02	.02	.03	.02	.02	.02	.02	.02	.03	.03	.03	.03	.03	.03		.02	.03	.04	.04	.04	.03	.03	.03	.03	.028	23	.04
4	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.04		.04	.04	.03	.03	.03	.04	.04	.04	.04	.032	23	.04
5	.04	.05	.04	.04	.04	.04	.04	.04	.04	.06	.09	.12	.09	.06		.04	.05	.05	.04	.03	.03	.03	.03	.03	.049	23	.13
6	.03	.03	.02	.02	.02	.02	.02	.02	.02	.03	.03	.03	.03	.02						.04	.04	.04	.04	.03	.027	19	.04
7	.03	.03	.03	.02	.02	.02	.02	.02	.02	.02			.02	.03		.03	.03	.03	.04	.03	.03	.03	.03	.03	.026	21	.04
8*	.03	.03	.03	.02	.02	.01	.02	.02	.02	.02	.02	.02	.02	.02		.02	.02	.02	.02	.02	.02	.02	.02	.02	.020	23	.03
9*	.02	.02	.02	.02	.01	.01	.01	.02	.02	.02	.02	.02	.02	.02		.02	.02	.03	.03	.03	.03	.03	.03	.03	.021	23	.03
10	.02	.03	.02	.02	.02	.02	.03	.02	.03	.03	.03	.03	.03	.03		.03	.03	.04	.04	.04	.03	.03	.03	.03	.029	23	.05
11	.02	.02	.02	.02	.01	.01	.01	.01	.02	.02	.02	.02	.02	.02		.02	.02	.02	.02	.02	.02	.01	.01	.01	.017	23	.03
12	.01	.01	.01	.01	.01	.01	.01	.01	.01	.02	.02	.02	.02	.02		.01	.02	.02	.02	.02	.02	.02	.02	.02	.016	23	.02
13	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.04	.04	.03		.03	.03	.04	.04	.04	.04	.04	.03	.03	.030	23	.05
14	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.02	.03				.06	.05	.04	.04	.04	.04	.04	.034	21	.07
15*	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03			.02	.02	.02	.03	.03	.03	.02	.02	.027	22	.04
16*	.02	.02	.02	.02	.02	.02	.01	.01	.01	.02	.02	.02	.02	.02		.02	.02	.02	.03	.03	.02	.03	.03	.03	.020	23	.03
17	.03	.03	.02	.02	.02	.02	.02	.03	.03	.03	.03	.03	.03	.03		.03	.03	.03	.03	.03	.03	.03	.03	.03	.027	23	.03
18	.02	.02	.02	.02	.02	.02	.02	.02	.03	.03	.03	.03	.03	.03		.03	.03	.03	.03	.03	.03	.03	.03	.03	.026	23	.03
19	.02	.02	.02	.02	.02	.02	.02	.02	.03	.03	.03	.03	.03	.03				.04	.03	.03	.03	.03	.03	.02	.026	21	.04
20	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.03	.03	.02	.02		.03	.03	.02	.02	.02	.02	.02	.02	.02	.022	23	.03
21	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.03	.03	.03	.03				.03	.03	.03	.03	.03	.03	.03	.025	21	.03
22*	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03		.02	.03	.03	.03	.03	.03	.02	.02	.02	.028	23	.03
23*	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02		.02	.02	.02	.02	.02	.02	.02	.02	.02	.020	23	.03
24	.01	.01	.01	.01	.01	.01	.01	.02	.02	.02	.02	.02	.02	.02		.02	.03	.03	.02	.02	.02	.02	.02	.02	.018	23	.03
25	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.03	.03			.02	.03	.03	.03	.03	.03	.03	.03	.024	22	.04
26	.03	.03	.02	.02	.02	.02	.02	.02	.03	.03	.04	.03	.03	.04				.04	.04	.03	.03	.03	.03	.03	.028	21	.05
27	.02	.02	.02	.02	.02	.02	.02	.02	.02	.03	.03	.03	.03	.03											.024	14	.03
28																											
29*	.03	.03	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02		.02	.03	.03	.03	.03	.03	.03	.03	.03	.024	23	.03
30*	.03	.03	.03	.03	.03	.02	.02	.02	.02	.02	.01	.02	.02	.02		.02	.02	.02	.03	.03	.03	.02	.02	.02	.021	23	.03
31	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.03	.03	.03	.03		.03	.03	.03	.03	.03	.03	.02	.02	.02	.024	23	.03
MEAN	.02	.02	.02	.02	.02	.02	.02	.02	.02	.03	.03	.03	.03	.03		.02	.03	.03	.03	.03	.03	.03	.03	.03	.025		
NO.	30	30	30	30	30	30	30	30	30	30	29	29	30	30		22	24	28	28	29	29	29	29	29		665	
MAX	.04	.05	.04	.04	.04	.04	.04	.04	.04	.06	.09	.12	.09	.06		.04	.05	.06	.05	.06	.04	.04	.04	.04	.049		.13

TABULATED THU., MAY 4, 1967

* Indicates Saturday or Sunday
Local standard time used

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory [illegible]
Division of Air Pollution, Public [illegible]
U. S. Department of Health, Education and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONCENTRATION IN PPM

COLORIMETRIC ANALYSIS

PHILADELPHIA, PA.

NITROGEN DIOXIDE
FEB. 1966

DAY OF MONTH	AM 12-1	AM 1-2	AM 2-3	AM 3-4	AM 4-5	AM 5-6	AM 6-7	AM 7-8	AM 8-9	AM 9-10	AM 10-11	AM 11-12	PM 12-1	PM 1-2	PM 2-3	PM 3-4	PM 4-5	PM 5-6	PM 6-7	PM 7-8	PM 8-9	PM 9-10	PM 10-11	PM 11-12	DAILY MEAN	NO. OF HRS.	DAILY MAX
1	.02	.02	.02	.02	.02	.02	.02	.02	.03	.03	.03	.03	.03	.03			.03	.03	.03	.03	.03	.03	.03	.03	.026	22	.04
2	.02	.02	.02	.03	.02	.02	.02	.02	.02	.03	.03	.04	.03	.03			.10	.05	.04	.04	.04	.03	.03	.03	.032	22	.14
3	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.03	.03	.03	.03				.05	.04	.04	.03	.03	.03	.03	.027	21	.09
4	.03	.03	.02	.02	.02	.02	.02	.02	.02		.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.02	.026	22	.04
5*	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.03	.02	.02	.02	.02	.02	.02	.02	.02	.020	23	.03
6*	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.01	.02	.02	.02	.02	.02	.02	.02	.02	.03	.03	.03	.03	.03	.020	23	.03
7	.03	.02	.02	.02	.02	.02	.02	.02	.02	.03	.03	.03	.03	.04	.04	.04	.05	.04	.04	.04	.04	.03	.03	.03	.030	23	.09
8	.03	.03	.03	.03	.03	.03	.03	.02	.02	.03	.03	.04	.05	.04				.08	.07	.07	.07	.07	.07	.09	.044	20	.10
9	.10	.10	.10	.10	.09	.09	.09	.08	.08	.09	.08	.08	.08	.08	.06	.07	.06	.06	.09	.05	.05	.04	.03	.01	.074	23	.11
10	.03	.03	.03	.03	.03	.02	.02	.03	.03	.03	.03	.03	.03	.04		.03	.03	.02	.02	.02	.02	.02	.02	.01	.026	22	.04
11	.02	.02	.01	.01	.01	.02	.02	.02	.02	.02	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.024	23	.04
12*	.03	.03	.04	.04	.03	.03	.02	.02	.03	.04	.05	.04	.04	.04	.04	.04	.04	.04	.03	.03	.02	.03	.03	.03	.034	23	.06
13*	.03	.03	.03	.03	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.03	.02	.02	.02	.02	.02	.02	.02	.022	23	.03
14	.02	.02	.02	.02	.01	.01	.01	.02	.02	.02	.03	.03	.03	.03	.03	.03	.04	.04	.03	.04	.04	.04	.04	.04	.026	23	.04
15	.04	.03	.03	.03	.02	.02	.02	.02	.02	.02	.03	.03	.03	.02				.03	.03	.02	.02	.02	.02	.02	.025	20	.04
16	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.03	.03	.03	.03	.02	.03	.02	.02	.02	.02	.02	.022	23	.03
17	.01	.01	.01	.01	.01	.01	.01	.01	.01	.02	.02	.02	.02	.02											.014	14	.02
18																											
19*	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.04	.03	.03	.03	.02	.02	.02	.02	.02	.028	23	.04
20*	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.01	.01	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.019	23	.03
21	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.03	.03	.03	.03	.02	.03	.02	.03	.03	.03	.03	.03	.03	.02	.024	23	.03
22	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.03	.02	.02	.02	.02	.02	.02	.03	.03	.03	.03	.03	.03	.03	.023	23	.03
23	.02	.02	.02	.02	.02	.02	.02	.03	.03	.03	.03	.04	.04	.04			.05	.05	.03	.04	.06	.05	.04	.04	.034	21	.06
24	.03	.03	.04	.04	.04	.03	.03	.03	.03	.04	.04	.05	.05	.05			.08	.06	.04	.04	.04	.03	.03	.03	.040	21	.09
25	.03	.03	.03	.03	.03	.03	.02	.02	.03	.03	.03	.03	.03	.03	.03	.04	.04	.04	.04	.04	.03	.03	.03	.03	.031	23	.09
26*	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03		.03	.03	.03	.03	.03	.03	.03	.03	.03	.030	23	.04
27*	.03	.03	.03	.04	.04	.04	.04	.04	.04	.03	.03	.05	.07	.08			.05	.05	.05	.04	.05	.04	.04	.04	.043	22	.09
28	.03	.03	.03	.03	.03	.03	.03	.03	.04	.04	.04	.04	.04	.04	.04	.03	.03	.03	.03	.03	.03	.02	.02		.032	23	.04
MEAN	.03	.03	.03	.03	.03	.02	.02	.02	.03	.03	.03	.03	.03	.03		.03	.04	.04	.04	.03	.03	.03	.03	.03	.030		
NO	27	27	27	27	27	27	27	27	27	26	27	27	27	27		17	21	24	26	26	26	26	26	26		595	
MAX	.10	.10	.10	.10	.09	.09	.09	.08	.08	.09	.08	.08	.08	.08		.06	.10	.08	.08	.07	.07	.07	.07	.09	.074		.14

C. 33

* Indicates Saturday or Sunday
Local standard time used

TABULATED THU., MAY 4, 1967

CONTINUOUS AIR MONITORING PROGRAM

HOURLY AVERAGES OF
GASEOUS POLLUTANT CONCENTRATIONS

PHILADELPHIA, PA.

NITROGEN DIOXIDE
MARCH 1966

CONCENTRATION IN PPM

COLORIMETRIC ANALYSIS

DAY OF MONTH	AM 12-1	AM 1-2	AM 2-3	AM 3-4	AM 4-5	AM 5-6	AM 6-7	AM 7-8	AM 8-9	AM 9-10	AM 10-11	AM 11-12	PM 12-1	PM 1-2	PM 2-3	PM 3-4	PM 4-5	PM 5-6	PM 6-7	PM 7-8	PM 8-9	PM 9-10	PM 10-11	PM 11-12	DAILY MEAN	NO. OF HRS.	5 MIN. MAX
1	.02	.02	.02	.02	.02	.02	.02	.02	.03	.03	.03	.03	.03	.03			.03	.03	.02	.02	.02	.02	.02	.02	.024	22	.04
2	.01	.01	.01	.01	.01	.01	.01	.02	.02	.02	.02	.03	.03	.03		.03	.03	.03	.03	.03	.03	.03	.03	.03	.022	23	.03
3	.04	.04	.05	.05	.05	.04	.04	.06	.06	.09	.10	.09	.09	.06				.06	.06	.05	.05	.05	.04	.04	.058	21	.11
4	.03	.03	.03	.03	.02	.02	.02	.02	.03	.03	.03	.03	.03	.04		.03	.04	.03	.03	.03	.03	.02	.02	.02	.029	23	.05
5*	.03	.02	.02	.02	.02	.02	.02	.02	.02	.03	.04	.05	.03	.03		.03	.03	.02	.02	.02	.02	.03	.02	.03	.025	23	.05
6*	.03	.03	.02	.03	.02	.02	.02	.02	.02	.02	.02	.02	.02	.03		.02	.02	.02	.02	.03	.03	.02	.02	.02	.022	23	.04
7	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.03	.02	.02	.02		.03	.03	.02	.02	.02	.02	.02	.02	.02	.021	23	.04
8	.02	.02	.02	.02	.01	.01	.02	.02	.02	.03	.02	.02	.02	.02		.02	.02	.02	.02	.03	.03	.03	.02	.02	.021	23	.03
9	.02	.02	.02	.02	.02	.01	.02	.03	.03	.03	.02	.02	.04	.04		.04	.04	.05	.04	.04	.04	.04	.04	.04	.031	23	.05
10	.04	.04	.05	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04					.08	.06	.06	.06	.05	.05	.046	20	.09
11	.05	.05	.04	.05	.04	.04	.04	.04	.04	.06	.07	.08	.10	.11		.10	.08	.12	.11	.11	.09	.07	.07	.05	.068	23	.12
12*	.04	.04	.04	.03	.03	.03	.02	.02	.02	.03	.03	.03	.03	.03		.04	.04	.04	.03	.03	.03	.03	.03	.03	.031	23	.04
13*	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.03	.03	.04		.05	.06	.05	.04	.03	.03	.03	.03	.03	.028	23	.06
14	.02	.02	.01	.01	.01	.01	.02	.02	.03	.03	.04	.05	.05	.06		.07	.05	.04	.04	.03	.03	.03	.03	.03	.031	23	.07
15	.02	.02	.02	.02	.02	.02	.02	.02	.03	.03	.05	.04	.03	.03		.03	.03	.03	.03	.03	.03	.04	.03	.03	.028	23	.05
16	.03	.03	.02	.02	.02	.02	.02	.02	.03	.02	.02	.03	.02	.02		.02	.02	.03	.03	.04	.03	.03	.04	.03	.026	23	.04
17	.04	.04	.03	.03	.03	.03	.03	.03	.04	.05	.04	.04	.04	.04					.03	.03	.02	.02	.02		.032	19	.05
18	.02	.02	.02	.02	.02	.02	.02	.03	.03	.03	.03	.04	.05	.04				.05	.05	.03	.05	.04	.04	.04	.034	21	.06
19*	.04	.04	.03	.04	.04	.04	.04	.04	.03	.04	.04	.04	.04	.04		.03	.03	.03	.03	.03	.03	.02	.02		.034	23	.05
20*	.02	.03	.03	.03	.03	.02	.02	.02	.02	.02	.02	.02	.02	.02		.02	.02	.02	.02	.02	.03	.03	.03	.03	.023	23	.03
21	.03	.02	.02	.02	.02	.02	.02	.02	.03	.03	.03	.03	.03	.03		.02	.04	.05	.05	.03	.04	.04	.04	.05	.031	23	.05
22	.04	.04	.04	.04	.03	.03	.03	.03	.04	.03	.03	.03	.04	.04			.06	.07	.08	.09	.08	.06	.05	.04	.047	22	.09
23	.04	.04	.03	.03	.03	.03	.03	.03	.04	.04	.04	.03	.04	.04			.03	.04	.03	.03	.03	.03	.03	.03	.033	22	.04
24	.03	.03	.02	.02	.02	.02	.02	.03	.03	.03	.03	.04	.05	.05					.02	.02	.02	.02	.02	.02	.027	19	.06
25	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02		.02	.02	.02	.02	.02	.02	.03	.03	.02	.021	23	.03
26*	.02	.02	.02	.02	.02	.02	.02	.03	.03	.02	.02	.02	.02	.02		.02	.03	.03	.03	.03	.03	.03	.03	.03	.025	23	.04
27*	.03	.03	.03	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02		.02	.03	.03	.03	.03	.03	.03	.03	.03	.024	23	.03
28	.03	.02	.03	.02	.02	.02	.03	.03	.03	.03	.03	.03	.02	.02		.02	.02	.03	.02	.02	.02	.02	.02	.02	.023	23	.04
29	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.03		.03	.03	.03	.03	.04	.04	.04	.03	.03	.025	23	.05
30	.03	.03	.03	.03	.03	.03	.03	.03	.04	.04	.05	.04	.04	.04		.04	.04	.04	.04	.03	.03	.03	.04	.03	.035	23	.05
31	.03	.03	.02	.02	.02	.02	.02	.02	.03	.02	.03	.03	.03	.03		.02	.02	.02	.02	.02	.02	.03	.03	.02	.024	23	.03
MEAN	.03	.03	.03	.03	.02	.02	.02	.03	.03	.03	.03	.03	.04	.04		.03	.03	.04	.04	.03	.03	.03	.03	.03	.030		
NO.	31	31	31	31	31	31	31	31	31	31	31	31	31	31		23	26	28	29	31	31	31	31	31		695	
MAX	.05	.05	.05	.05	.05	.04	.04	.06	.06	.09	.10	.09	.10	.11		.10	.08	.12	.11	.11	.09	.07	.07	.05	.068		.12

* [illegible] Local [illegible] used

TABULATED THU., MAY 4, 1967

CONTINUOUS AIR MONITORING PROGRAM

HOURLY AVERAGES OF
GASEOUS POLLUTANT CONCENTRATIONS

Air Quality Section, Laboratories
Division of Air Pollution, Public H
U. S. Department of Health, E

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

PHILADELPHIA, PA.

NITROGEN DIOXIDE
APRIL 1966

CONCENTRATION IN PPM

COLORIMETRIC ANALYSIS

DAY OF MONTH	12	1	2	3	4	5	6	7	8	9	10	11	P.M. 12	1	2	3	4	5	6	7	8	9	10	11	DAILY MEAN	NO. OF HRS.	5 MIN. MAX
1	.02	.03	.03	.02	.02	.02	.02	.02	.03	.03		.03	.03	.03							.06	.05	.05	.04	.04	.031	18	.06
2*	.03	.03	.04	.04	.04	.03	.03	.03	.03	.03	.03	.03	.03	.03		.03	.03	.03	.03	.03	.03	.03	.03	.04	.04	.032	23	.04
3*	.04	.04	.03	.04	.03	.03	.03	.03	.03	.02	.03	.02	.02	.02		.02	.03	.03	.03	.03	.03	.03	.03	.03	.03	.028	23	.04
4	.03	.03	.03	.03	.03	.02	.03	.03	.03	.03	.03	.03	.03	.03		.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.030	23	.03
5	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.04	.04	.04	.04		.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.031	23	.04
6	.03	.03	.03	.03	.03	.03	.03	.03	.03	.04	.04	.03	.03	.03		.03	.03	.03	.03	.04	.03	.03	.04	.04	.04	.032	23	.04
7	.04	.04	.05	.04	.05	.05	.05	.05	.07	.06	.04	.03	.03	.03					.04	.03	.03	.03	.03	.03	.02	.041	20	.07
8	.03	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02		.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.020	23	.03
9*	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.03	.02	.02		.02	.02	.02	.02	.03	.03	.03	.03	.04	.04	.021	23	.03
10*	.03	.03	.03	.03	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02		.02	.02	.02	.03	.03	.03	.03	.03	.04	.04	.024	23	.04
11	.04	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03		.03	.03	.03	.03	.03	.04	.04	.04	.04	.03	.032	23	.04
12	.03	.03	.02	.02	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03		.02	.02	.02	.02	.02	.03	.03	.03	.03	.03	.026	23	.03
13	.02	.02	.02	.02	.02	.02	.02	.03	.03	.03	.02	.03	.03	.03		.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.026	23	.03
14	.02	.02	.02	.02	.02	.02	.02	.03	.03	.03	.03	.03	.03	.02							.04	.04	.03	.03		.027	18	.05
15	.03	.03	.03	.03	.03	.03	.03	.03	.03	.04	.04	.03	.04	.03		.05	.05	.04	.04	.04	.04	.04	.04	.04	.04	.036	23	.05
16*						.04	.04	.04	.03	.03	.03	.03	.04	.03		.04	.04	.06	.06	.05	.04	.04	.04	.05		.040	18	.06
17*	.05	.05	.05	.06	.05	.05	.05	.04	.05	.04	.06	.07	.04	.05			.04	.04	.05	.06	.05	.05	.04	.05		.049	22	.08
18	.05	.06	.05	.06	.06	.06	.06	.07	.06	.06	.06	.06	.06	.06		.06	.06	.06	.06	.06	.07	.07	.06	.06		.061	23	.08
19	.06	.05	.05	.04	.04	.04	.03	.03	.04	.04	.04	.04	.04	.04		.03	.03	.03	.03	.03	.03	.02	.02	.02	.02	.034	23	.06
20	.02	.02	.02	.02	.02	.02	.02	.02	.02	.03	.03	.03	.03			.03	.03	.03	.03	.03	.03	.03	.02	.02	.02	.025	22	.03
21	.02	.02	.02	.02	.02	.02	.03	.03	.02	.03	.04	.05	.06	.05							.07	.06	.05	.06	.06	.038	19	.07
22	.06	.05	.05	.03	.03	.03	.03	.03	.03	.03	.03	.04	.03	.03					.03	.03	.05	.04	.05	.05		.038	20	.06
23*	.05	.04	.04	.04	.03	.03	.02	.02	.03	.03	.03	.03	.04	.04		.03	.03	.02								.032	17	.05
24*																												
25	.04	.04	.04	.03	.03	.03	.03	.03	.03	.03		.03	.02	.03		.03	.03	.03	.03	.03	.06	.04	.03	.03	.02	.031	22	.04
26	.02	.02	.02	.02	.02	.02	.03	.03	.03	.03	.03	.05	.04	.03		.03	.03	.03	.03	.03	.03	.03	.03	.03	.02	.028	23	.05
27	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02		.02	.02	.02	.02	.03	.03	.03	.03	.03	.02	.021	23	.03
28	.02	.02	.02	.02	.02	.02	.02	.03	.03	.03	.03	.03	.03	.03			.04	.03	.03	.03	.03	.03	.03	.03	.03	.027	22	.04
29	.02	.02	.02	.02	.03	.03	.02	.03	.03	.03				.04		.04	.04	.04	.04	.06	.04	.03	.03	.03	.03	.031	20	.05
30*	.03	.03	.02	.02	.02	.03	.03	.03	.03	.03	.03	.03	.03	.03		.03	.03	.03	.03	.03	.03	.03	.04	.03	.03	.029	23	.04
MEAN	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03		.03	.03	.03	.03	.04	.04	.03	.03	.03	.03	.032		
NO.	28	28	28	28	28	29	29	29	29	29	26	28	28	28		22	24	24	25	27	28	28	28	28			629	
MAX	.06	.06	.05	.06	.06	.06	.06	.07	.07	.06	.06	.07	.06	.06		.06	.06	.06	.06	.07	.07	.07	.06	.06		.061		.08

* Indicates Saturday or Sunday
Local standard time used

TABULATED: THU., MAY 4, 1967

C.35

CONTINUOUS AIR MONITORING PROGRAM

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

Air Quality [illegible]
Division of Air Pollution, Public [illegible]
U. S. Department of Health [illegible]

Robert B. [illegible]
Cincinnati, Ohio

PHILADELPHIA, PA.

NITROGEN DIOXIDE
MAY 1966

CONCENTRATION IN PPM

COLORIMETRIC ANALYSIS

DAY OF MONTH	AM 1-2	AM 2-3	AM 3-4	AM 4-5	AM 5-6	AM 6-7	AM 7-8	AM 8-9	AM 9-10	AM 10-11	AM 11-12	AM 12-1	PM 1-2	PM 2-3	PM 3-4	PM 4-5	PM 5-6	PM 6-7	PM 7-8	PM 8-9	PM 9-10	PM 10-11	PM 11-12	DAILY MEAN	NO. OF HRS	5 MIN MAX
1*	.03	.03	.04	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03		.03	.03	.04	.03	.04	.04	.03	.03	.03	.031	23	.04
2	.02	.02	.01	.01	.01	.02	.02	.03	.02	.03	.02	.03	.03	.03		.04	.04	.04	.04	.04	.03	.03	.03	.03	.026	23	.05
3	.03	.03	.05	.05	.04	.04	.05	.07	.05	.05	.05	.04	.04	.04		.05	.07	.06	.06	.04	.04	.05	.03	.03	.046	23	.09
4	.02	.02	.02	.02	.02	.03	.03	.03	.03	.03	.02	.02	.02	.03						.05	.05	.04	.04	.04	.029	19	.05
5	.04	.05	.05	.05	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04				.05	.04	.04	.04	.03	.05	.06	.043	21	.06
6	.06	.06	.05	.05	.05	.05	.06	.06	.05	.05	.05	.06	.05	.05		.04	.04	.04	.03	.03	.04	.04	.04	.04	.048	23	.07
7*	.05	.03	.03	.02	.01	.02	.03	.03	.03	.03	.03	.03	.03	.03		.03	.04	.05	.03	.03	.04	.03	.03	.03	.030	23	.06
8*	.03	.02	.02	.02	.01	.01	.02	.04	.04	.04	.06	.06	.07	.07		.06	.06	.06	.04	.04	.05	.04	.03	.04	.040	23	.08
9	.05	.04	.02	.02	.02	.03	.04	.04	.04	.04	.04	.04	.04	.04		.04	.04	.04	.03	.03	.03	.03	.03	.02	.034	23	.05
10	.02	.02	.02	.02	.03	.03	.03	.03	.03	.03	.03	.03	.02	.03		.03	.03	.03	.04	.04	.05	.05	.05	.04	.031	23	.05
11	.04	.04	.04	.03	.04	.04	.04	.05	.04	.04			.04	.04		.03	.04	.06	.06	.06	.04	.05	.04	.03	.042	21	.06
12	.02	.02	.02	.02	.02	.03	.05	.06	.05	.05	.04	.03	.04	.03					.05	.04	.03	.03	.03	.03	.034	20	.06
13	.03	.03	.04	.03	.05	.05	.05	.05	.04	.03	.03	.03	.03	.03		.03	.04	.04	.03	.03	.04	.04	.03	.03	.035	23	.06
14*	.03	.02	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.05		.05	.06	.05	.05	.05	.05	.06	.05	.05	.044	23	.06
15*	.05	.05	.05	.05	.05	.05	.05	.06	.06	.05	.04	.05	.03	.04		.04	.04	.03	.04	.04	.04	.04	.03	.04	.044	23	.06
16	.02	.01	.03	.03	.04	.05	.05	.05	.05	.04	.04	.04	.05	.04		.04	.05	.04	.03	.03	.02	.03	.03	.03	.036	23	.06
17	.03	.02	.01	.01	.02	.02	.04	.04	.04	.05	.06	.05	.07	.09			.10	.10	.09	.06	.04	.04	.03	.03	.047	22	.11
18	.02	.01	.01	.02	.02	.03	.04	.05	.04	.04	.04	.04	.04			.85	.07	.04	.03	.02	.03	.03	.03	.02	.032	22	.07
19	.02	.02	.02	.01	.01	.02	.03	.04	.04	.04	.04	.04	.04	.06			.05	.04	.05	.07	.06	.05	.05	.05	.038	22	.08
20	.05	.04	.04	.04	.05	.05	.05	.06	.06	.07	.08	.12	.05			.04	.05	.04	.05	.08	.11	.09	.09	.08	.063	22	.14
21*	.10	.10	.09	.09	.08	.09	.11	.12	.09	.10	.06	.05	.05	.05		.06	.03	.03	.03	.04	.05	.05	.04	.04	.066	23	.13
22*	.02	.03	.02	.01	.01	.01	.02	.02	.02	.02	.02	.03	.03	.03		.03	.02	.03	.05	.06	.06	.07	.07	.07	.032	23	.07
23	.07	.07	.07	.07	.06	.06	.09	.11	.13	.10	.07	.05	.04	.04			.06	.05	.02	.03	.03	.03	.04	.06	.061	22	.14
24	.06	.06	.05	.05	.05	.05	.07	.10					.02	.02		.02	.03	.03	.02	.03	.03	.03	.03	.03	.041	19	.11
25	.03	.02	.03	.05	.05	.04	.05	.11	.10	.14	.15		.14	.12		.07	.09	.08	.07	.03	.03	.03	.04	.05	.068	22	.18
26	.04	.03	.04	.03	.03	.02	.02	.03	.04			.07	.09	.13			.03	.03	.05	.06	.05	.04	.01	.02	.043	20	.14
27	.04	.05	.05	.06	.04	.02	.02	.04	.05	.04	.03	.03	.02	.02		.03	.03	.03	.03	.03	.03	.03	.03	.03	.034	23	.07
28*	.03	.03	.03	.03	.03	.03	.03	.04	.05	.06	.08	.08	.06	.06		.03	.04	.04	.02	.03	.03	.03	.04	.06	.040	23	.09
29*	.05	.03	.05	.05	.03	.04	.05	.04	.03	.03	.03	.03	.03	.03		.02	.03	.03	.03	.08	.05	.05	.04	.04	.038	23	.06
30	.03	.01	.01	.01	.01	.01	.02	.02	.01	.01	.02	.02	.02	.02		.02	.02	.02	.03	.08	.05	.05	.05	.05	.023	23	.05
31	.04	.04	.03	.03	.02	.04	.04	.05	.05	.05	.05	.05	.05	.06		.04	.06	.06	.06	.09	.05	.04	.05	.05	.046	23	.07
MEAN	.04	.03	.03	.03	.03	.03	.04	.05	.05	.05	.05	.04	.04	.05		.04	.05	.04	.04	.04	.04	.04	.04	.04	.041		
NO.	31	31	31	31	31	31	31	31	30	29	28	28	31	29		24	28	29	30	31	31	31	31	31		689	
MAX	.10	.10	.09	.09	.08	.09	.11	.12	.13	.14	.15	.12	.14	.13		.07	.10	.10	.09	.08	.11	.09	.09	.08	.068		.18

* [illegible]
Local standard time used

TABULATED THU., MAY 4, 1967

CONTINUOUS AIR MONITORING PROGRAM

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

Air Quality Section, Laboratory
Division of Air Pollution, Public
U. S. Department of Health, E
Robert A. Taft Sanitary Engineering
Cincinnati, Ohio 45226

PHILADELPHIA, PA.

NITROGEN DIOXIDE
JUNE 1966

CONCENTRATION IN PPM

COLORIMETRIC ANALYSIS

DAY OF MONTH	AM 12	AM 1	AM 2	AM 3	AM 4	AM 5	AM 6	AM 7	AM 8	AM 9	AM 10	AM 11	PM 12-1	PM 1	PM 2	PM 3	PM 4	PM 5	PM 6	PM 7	PM 8	PM 9	PM 10	PM 11	PM 12	DAILY MEAN	NO. OF HRS	5 MIN MAX
1	.04	.04	.04	.04	.04	.03	.04	.04	.04	.03	.03	.03	.03	.03			.06	.05	.06	.05	.05	.04	.04	.04	.041	22	.08
2	.03	.03	.03	.04	.03	.03	.03	.04	.04	.03	.03	.03	.03	.03			.03	.03	.04	.04	.05	.05	.04	.034	22	.05
3	.04	.04	.03	.03	.03	.03	.04	.05	.04	.04	.03	.05	.03	.03		.04	.07	.08	.07	.09	.10	.08	.08	.08	.052	23	.11
4*	.06	.05	.05	.05	.05	.07	.06	.07	.06	.05	.05	.05	.03	.03		.02	.03	.03	.06	.09	.05	.06	.11	.13	.056	23	.14
5*	.12	.12	.09	.06	.06	.06	.06	.06	.08	.07	.10	.11	.05	.04		.03	.04	.03	.08	.07	.09	.08	.09	.08	.071	23	.13
6	.05	.06	.06	.06	.06	.05	.08	.07	.07	.09	.08	.07	.06	.04		.04	.04	.03	.03	.03	.04	.03	.02	.02	.050	23	.09
7	.01	.01	.01	.02	.03	.04	.05	.05	.06	.08	.08	.05	.04	.04		.05	.06	.05	.04	.04	.05	.09	.09	.07	.048	23	.11
8	.09	.08	.05	.04	.04	.05	.05	.06			.06	.07	.04	.05		.05	.06	.06	.05	.06	.03	.03	.05	.06	.052	21	.09
9	.05	.04	.01	.01	.02	.03	.04	.05	.04	.06	.06	.06	.04	.04			.05	.05	.02	.02	.02	.02	.01	.02	.033	22	.07
10	.02	.03	.03	.03	.02	.02	.03	.03	.03			.03	.03	.05		.04	.05	.04	.03	.02	.02	.03	.03	.02	.030	21	.06
11*	.02	.02	.01	.01	.01	.02	.02	.02	.02	.02	.02	.03	.02	.03		.03	.02	.03	.04	.04	.04	.03	.02	.03	.024	23	.05
12*	.04	.03	.04	.03	.03	.02	.02	.02	.02	.01	.02	.02	.02				.03	.03	.03	.03	.03	.03	.04	.04	.026	21	.04
13	.04	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.04	.04		.04	.05	.05	.04	.08	.07	.08	.07	.06	.041	23	.08
14	.07	.06	.06	.05	.03	.04	.05	.05	.07	.07	.06	.05	.05	.04		.06	.08	.06	.05	.04	.03	.04	.04	.04	.051	23	.09
15	.04	.04	.04	.04	.04	.04	.05	.07	.07	.07		.06	.04	.03		.03	.04	.04	.04	.05	.07	.08	.08	.09	.052	22	.10
16	.09	.08	.09	.08	.07	.07	.09	.06	.04	.03	.04	.04	.05	.05			.06	.07	.05	.08	.05	.06	.07	.06	.061	22	.10
17	.06	.04	.03	.02	.03	.03	.03	.05	.06	.06	.06	.05	.06	.05		.07	.10	.08	.08	.09	.09	.07	.08	.06	.058	23	.10
18*	.07	.06	.09	.07	.06	.07	.08	.08	.09	.06	.04	.03	.03	.03		.03	.04	.03	.03	.03	.02	.02	.06	.08	.052	23	.10
19*	.05	.05	.05	.05	.05	.05	.06	.06	.07	.04	.04	.06	.08	.08			.03	.03	.03	.03	.05	.07	.07	.04	.052	22	.09
20	.03	.04	.05	.06	.06	.05	.07	.10	.09	.09	.09	.07	.06	.04		.05	.06	.04	.02	.02	.02	.02	.05	.07	.053	23	.10
21	.07	.06	.06	.05	.04	.04	.05	.06	.06	.05	.05	.04	.04	.04		.03	.05	.04	.03	.03	.03	.03	.04	.04	.044	23	.08
22	.04	.03	.03	.02	.01	.03	.04	.05	.05	.06	.05	.06	.05	.05			.10	.09	.04	.06	.03	.07	.03	.02	.044	22	.11
23	.05	.08	.08	.06	.05	.06	.05	.08	.05	.04	.04	.04	.03	.03			.04	.04	.05	.06	.07	.06	.07	.05	.052	22	.11
24	.05	.06	.05	.03	.04	.05	.06	.06	.05	.04	.04	.02	.02	.02			.04	.03	.03	.03	.05	.07	.05	.04	.042	22	.08
25*	.04	.05	.04	.04	.03	.04	.05	.05	.03	.02	.02	.02	.02	.02		.02	.02	.02	.02	.03	.02	.02	.02	.02	.029	23	.06
26*	.02	.02	.02	.01	.01	.01	.02	.01	.01	.01	.01	.04	.04	.04		.05	.06	.06	.07	.06	.04	.02	.04	.04	.030	23	.08
27	.03	.04	.03	.03	.04	.04	.04	.05	.05	.04	.03	.04	.06	.06		.04	.06	.07	.11	.09	.06	.07	.06	.09	.053	23	.13
28	.09	.07	.06	.06	.06	.06	.06	.06	.07	.06	.08	.05	.03	.04			.08	.07	.07	.07	.06	.07	.08	.06	.064	22	.10
29	.06	.03	.02	.02	.03	.04	.05	.06	.04	.05	.04	.03	.04	.03			.05	.05	.06	.06	.09	.08	.08	.07	.049	22	.10
30	.08	.07	.07	.06	.05	.04	.05	.07	.06	.04	.03	.03	.03	.03			.02	.03	.04	.03	.02	.04	.06	.06	.045	22	.09
MEAN	.05	.05	.04	.04	.04	.04	.05	.05	.05	.05	.05	.05	.04	.04		.04	.05	.05	.05	.05	.05	.06	.05		.046		
NO.	30	30	30	30	30	30	30	30	29	28	28	30	30	29		18	30	30	30	30	30	30	30			672	
MAX	.12	.12	.09	.08	.07	.07	.09	.10	.09	.09	.10	.11	.08	.08		.07	.10	.09	.11	.09	.10	.09	.11	.13	.071		.14

TABULATED THU., MAY 4, 1967

* Indicates Saturday, Sunday or Holiday
Local standard time used

C. 37

CONTINUOUS AIR MONITORING PROGRAM

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

Air Quality Section, Laboratories
Division of Air Pollution, Public
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio

PHILADELPHIA, PA.

NITROGEN DIOXIDE
JULY 1966

CONCENTRATION IN PPM

COLORIMETRIC ANALYSIS

DAY OF MONTH	AM 12-1	AM 1-2	AM 2-3	AM 3-4	AM 4-5	AM 5-6	AM 6-7	AM 7-8	AM 8-9	AM 9-10	AM 10-11	AM 11-12	PM 12-1	PM 1-2	PM 2-3	PM 3-4	PM 4-5	PM 5-6	PM 6-7	PM 7-8	PM 8-9	PM 9-10	PM 10-11	PM 11-12	DAILY MEAN	NO. OF HRS	5 MIN MAX
1	.06	.06	.06	.04	.04	.03	.04	.04	.05	.07	.09	.07	.06	.07		.07	.07	.06	.04	.04	.02	.04	.04	.08	.053	23	.11
2*	.10	.08	.06	.04	.04	.03	.04	.05	.04	.03	.03	.02	.02	.02		.02	.02	.02	.05	.04	.03	.04	.06	.11	.043	23	.11
3*	.11	.10	.07	.06	.05	.05	.05	.05	.05	.03	.02	.02		.02		.02	.02	.02	.02	.02	.02	.03	.03	.03	.039	22	.12
4	.02	.02	.02	.02	.01	.02	.04	.05	.02	.02	.01	.01	.02	.02		.02	.02	.02	.03	.02	.06	.06	.05	.04	.026	23	.07
5	.05	.04	.05	.05	.04	.05	.06	.08		.08	.10	.06	.05	.05		.05	.07	.06	.04	.03	.04	.05	.07	.07	.057	22	.11
6	.06	.04	.03	.02	.04	.05	.05	.07	.07	.05	.06	.03	.03	.04		.04	.09	.06	.06	.04	.03	.04	.05	.08	.046	23	.09
7	.06	.06	.07	.05	.06	.07	.06	.04	.04	.04	.04	.03	.03	.03				.03	.04						.048	16	.08
8		.02									.03	.02	.03	.03			.12	.06	.05	.05	.06	.06	.06	.05	.048	13	.14
9*	.05	.04	.03	.03	.03	.03	.03	.03	.03	.03	.02	.02		.03		.02	.02	.02	.04	.06	.07	.07	.06	.04	.035	22	.08
10*	.02	.02	.04	.03	.06	.07	.06	.06	.05	.04	.03	.02	.03			.05	.06	.06	.06	.08	.08	.06	.03	.04	.047	22	.09
11	.04	.04	.03	.03	.02	.02	.04	.03	.03	.02	.02	.01	.02	.01		.03	.05	.04	.03	.06	.04	.04	.03	.03	.030	23	.05
12	.03	.03	.03	.03	.03	.03	.04	.06	.05	.04	.03	.02	.03	.04		.02	.03	.02	.02	.07	.08	.08	.07	.04	.039	23	.09
13	.02	.02	.04	.05	.04	.03	.04	.04	.04	.03	.02	.02	.03	.02		.03	.04	.03	.04	.08	.07	.06	.07	.05	.037	23	.07
14	.06	.05	.05	.06	.06	.06	.06	.06	.06	.05	.04	.05	.04	.04			.04	.05	.04	.08	.04	.03	.02	.02	.046	22	.07
15	.02	.01	.03	.03	.03	.03	.04	.04	.04	.03	.04	.04	.03	.04		.05	.08	.07	.06	.06	.04	.05	.08	.03	.040	23	.11
16*	.02	.02	.02	.01	.01	.02	.03	.03	.03	.04	.04	.04	.03	.02		.03	.04	.03	.02	.02	.02	.02	.03	.03	.026	23	.04
17*	.02	.02	.02	.03	.04	.04	.05	.05	.03	.04	.04	.03	.03	.01			.01	.01	.01	.01	.02	.02	.02	.04	.027	22	.06
18	.05	.05	.04	.04	.03	.03	.04	.05	.04	.05	.07	.06	.06	.05		.05	.07	.07	.08	.09	.06	.05	.04	.04	.051	23	.10
19	.02	.03	.02	.01	.02	.04	.05	.06	.06	.07			.05	.05		.05	.06	.08	.05	.03	.04	.06	.07	.06	.046	21	.08
20	.05	.02	.01	.02	.02	.02	.02	.02	.03	.03	.02	.02	.02	.02		.02	.03	.03	.03	.06	.05	.05	.05	.04	.029	23	.06
21	.04	.04	.04	.04	.04	.04	.04	.04	.04	.05	.03	.02	.03	.03				.04	.03	.06	.05	.07	.05	.06	.040	21	.08
22	.07	.07	.07	.08	.09	.08	.08	.07	.09	.09	.06	.04	.04	.03					.06	.06	.06	.06	.05	.04	.064	20	.09
23*	.05	.10	.10	.09	.09	.08	.08	.10	.09	.10	.05	.03	.03	.03			.02	.03	.02	.03	.05	.06	.06	.06	.061	22	.12
24*	.04	.04	.04	.04	.04	.05	.05	.05	.04	.03	.04	.03	.03	.02			.02	.04	.04	.02	.02	.04	.04	.03	.035	22	.06
25	.02	.02	.03	.05	.05	.04	.04	.06	.06	.06	.06	.05	.03	.03			.03	.03	.03	.06	.03	.03	.03	.04	.038	22	.07
26	.04	.04	.04	.03	.04	.03	.03	.03	.04	.04	.04	.03	.02	.03			.05	.05	.06	.05	.07	.08	.07	.07	.044	22	.08
27	.07	.06	.04	.02	.03	.04	.06	.06	.05	.04	.04	.04	.03	.03		.03	.03	.04	.05	.06	.05	.04	.05	.07	.044	23	.07
28	.07	.06	.05	.04	.03	.03	.04	.04	.04	.04	.04	.04	.04	.05			.06	.07	.09	.08	.08	.08	.08	.07	.054	22	.09
29	.07	.06	.05	.04	.04	.04	.04	.04	.05	.04	.04	.03	.03	.03			.14	.11	.09	.09	.08	.07	.06	.05	.058	22	.16
30*	.04	.04	.04	.03	.03	.03	.03	.04	.04	.04	.04	.04	.04	.04		.03	.03	.05	.06	.06	.09	.09	.09	.07	.047	23	.10
31*	.06	.07	.06	.06	.06	.05	.05	.05	.03	.03		.03	.02	.04		.04	.02	.03	.04	.04	.04	.04	.04	.04	.042	22	.07
MEAN	.05	.04	.04	.04	.04	.04	.05	.05	.05	.04	.04	.03	.03	.03		.04	.05	.04	.04	.05	.05	.05	.05	.05	.043		
NO.	30	31	30	30	30	30	30	30	29	30	29	30	29	30		19	28	30	31	30	30	30	30	30		676	
MAX	.11	.10	.10	.09	.09	.08	.08	.10	.09	.10	.10	.07	.06	.07		.07	.14	.11	.09	.09	.09	.09	.09	.11	.064		.16

* Indicates Saturday or Sunday
Local standard time used

TABULATED THU., MAY 4, 1967

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory [illegible] and Physical Sciences
Division of Air Pollution, Public Health [illegible]
U. S. Department of Health, Education and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONCENTRATION IN PPM

COLORIMETRIC ANALYSIS

PHILADELPHIA, PA.

NITROGEN DIOXIDE
AUG. 1966

DAY OF MONTH	A.M. 12	1	2	3	4	5	6	7	8	9	10	11	P.M. 12	1	2	3	4	5	6	7	8	9	10	11	DAILY MEAN	NO. OF HRS	5 MIN MAX
1	.05	.04	.03	.02	.03	.03		.06	.05	.04	.03	.03	.05	.03		.06	.06	.07	.07	.06	.08	.05	.07	.06	.048	22	.08
2	.05	.05	.05	.05	.04	.04	.04	.06	.06	.05	.05	.04	.05	.05		.05	.05	.08	.07	.06	.04	.03	.03	.05	.049	23	.09
3	.03	.02	.02	.01	.01	.01	.03	.03	.03	.03	.03	.03	.03	.03		.03	.04	.04	.04	.06	.06	.06	.06	.06	.035	23	.07
4	.06	.06	.07	.08	.07	.05	.07	.12	.14	.13	.15	.09	.04	.03			.07	.04	.03	.03	.02	.02	.02	.03	.063	22	.15
5	.03	.01	.03	.03	.04	.04	.04	.04	.05	.06	.04	.04	.04	.05			.14	.13	.13	.18	.13	.14	.12	.11	.073	22	.20
6*	.10	.11	.12	.11	.11	.09	.09	.09	.09	.09	.06	.06	.07			.05	.05	.06	.07	.08	.05	.04	.03	.04	.075	22	.13
7*	.09	.14	.13	.13	.12	.06	.06	.07	.08	.06	.05	.04	.04	.03			.04	.05	.05	.06	.04	.04	.03	.03	.064	22	.15
8	.04	.04	.03	.03	.03	.03	.04	.05	.06	.05	.04	.08	.09	.07		.05	.05	.04	.03	.05	.06	.05	.05	.04	.046	23	.09
9	.04	.03	.03	.03	.03	.03	.03	.04	.05	.05	.06	.03	.04	.05		.04	.05	.05	.03	.03	.03	.04	.04	.03	.038	23	.06
10	.04	.04	.04	.04	.03	.03	.04	.05	.05	.04	.03	.03	.03	.04			.07	.08	.06	.06	.03	.04	.04	.05	.042	22	.09
11	.06	.06	.04	.04	.04	.03	.04	.04	.04	.04	.05	.05	.04	.05			.03	.02	.02	.02	.01	.01	.01	.01	.033	22	.07
12	.01	.01	.01	.01	.01	.00	.01	.01	.01	.02	.04	.05	.04	.04		.05	.05	.04	.06	.08	.09	.10	.09	.08	.038	23	.11
13*	.05	.05	.04	.04	.03	.03	.04	.04	.03	.03	.03	.04	.03	.03		.04	.04	.04	.05	.05	.06	.07	.07	.08	.044	23	.08
14*	.07	.08	.08	.08	.07	.07	.07	.08	.05	.03	.02	.03	.03	.03			.09	.09	.09	.09	.07	.06	.05	.05	.062	22	.11
15	.05	.04	.03	.03	.05	.06	.05	.05	.05	.07	.09	.12	.08	.07		.07	.08	.09	.08	.09	.07	.07	.08	.06	.066	23	.13
16	.06	.06	.07	.06	.05	.05	.06	.06	.08	.08						.02	.03	.03	.03	.04	.05	.04	.05	.06	.051	19	.09
17	.06	.04	.03	.03	.03	.04	.06	.05	.05	.04	.04	.04	.04	.04		.04	.05	.05	.05	.06	.07	.07	.07	.06	.048	23	.07
18	.05	.05	.05	.05	.05	.05	.07	.17	.11	.07	.05	.04	.06	.05			.06	.07	.09	.09	.08	.09	.12	.12	.074	22	.21
19	.11	.10	.08	.06	.06	.07	.10	.11	.09	.09	.07	.05	.08	.04		.04	.05	.05	.06	.09	.11	.11	.10	.11	.079	23	.13
20*	.07	.05	.03	.02	.02	.03	.04	.04	.04	.05	.07	.07	.06	.07			.03	.03	.04	.03	.05	.03	.03	.05	.043	22	.09
21*	.05	.05	.05	.04	.03	.05	.05	.05	.06	.04	.03	.04	.04				.03	.04	.05	.06	.06	.05	.04	.03	.044	21	.07
22	.02	.02	.01	.01	.03	.05	.05	.07	.07	.07	.08	.08	.08	.07			.04	.03	.03	.04	.03	.04	.03	.03	.044	22	.09
23	.02	.02	.02	.02	.04	.06	.06	.06	.06	.06	.05	.05	.05	.04		.05	.06	.05	.05	.06	.06	.06	.05	.05	.048	23	.07
24	.05	.03	.03	.04	.04	.05	.05	.05	.04	.04	.04	.03	.03	.04		.05	.05	.05	.05	.06	.06	.05	.06	.05	.044	23	.06
25	.05	.04	.04	.03	.03	.03	.04	.04	.05	.04	.04	.04	.03	.04			.04	.05	.05	.06	.08	.08	.08	.08	.048	22	.08
26	.07	.05	.04	.04	.05	.06	.06	.06	.06	.05	.05	.05	.04	.04			.05	.05	.06	.07	.10	.11	.10	.11	.062	22	.12
27*	.09	.09	.09	.07	.06	.05	.05	.05	.05	.04	.04	.04	.03	.02			.03	.03	.04	.07	.08	.06	.06	.06	.053	22	.10
28*	.06	.06	.05	.04	.03	.03	.05	.04	.03	.04	.03	.03	.02	.03			.03	.04	.05	.06	.08	.09	.09	.09	.048	22	.10
29	.09	.09	.08	.07	.07	.07	.07	.12	.13	.12	.10	.08	.05	.04			.05			.03	.04	.04	.03	.06	.071	20	.15
30	.05	.07	.07	.07	.06	.07	.08	.08					.05	.05			.05	.05	.03	.03	.03	.05	.06	.06	.056	18	.08
31	.06	.05	.05	.06	.07	.05	.05	.06	.07	.08	.10	.07	.05	.06		.06	.07	.06	.04	.08	.05	.06	.08	.07	.061	23	.10
MEAN	.05	.05	.05	.05	.04	.05	.05	.06	.06	.06	.05	.05	.05	.04			.05	.05	.05	.06	.06	.06	.06	.06	.053		
NO.	31	31	31	31	31	31	30	31	30	30	29	29	30	28		15	31	30	30	31	31	31	31	31		684	
MAX	.11	.14	.13	.13	.12	.09	.10	.17	.14	.13	.15	.12	.09	.07		.07	.14	.13	.13	.18	.13	.14	.12	.12	.079		.21

* Indicates Saturday or Sunday.
Local standard time used

TABULATED THU., MAY 4, 1967

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory [illegible]
Division of Air Pollution, Public [illegible]
U. S. Department of Health, Ed[illegible]

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

PHILADELPHIA, PA.

CONCENTRATION IN PPM

COLORIMETRIC ANALYSIS

NITROGEN DIOXIDE
SEPT. 1966

DAY OF MONTH	AM 12-1	AM 1-2	AM 2-3	AM 3-4	AM 4-5	AM 5-6	AM 6-7	AM 7-8	AM 8-9	AM 9-10	AM 10-11	AM 11-12	PM 12-1	PM 1-2	PM 2-3	PM 3-4	PM 4-5	PM 5-6	PM 6-7	PM 7-8	PM 8-9	PM 9-10	PM 10-11	PM 11-12	DAILY MEAN	NO. OF HRS	5 MIN MAX
1	.07	.06	.06	.05	.06	.07	.07	.08	.08	.07	.05	.05	.05	.10			.05	.06	.05	.09	.08	.07	.07	.06	.065	22	.13
2	.06	.05	.05	.05	.04	.05	.06	.07	.07	.06	.07	.05	.04	.04			.06	.07	.07	.09	.09	.10	.09	.08	.064	22	.10
3*	.08	.07	.07	.06	.07	.07	.08	.09	.08	.04	.04	.03	.03	.03			.04	.03	.03	.04	.03	.03	.02	.03	.048	22	.09
4*	.03	.02	.02	.01	.01	.01	.02	.03	.02	.01	.01							.04	.06	.05	.06	.05	.04	.04	.029	18	.07
5	.03	.03	.03	.03	.03	.04	.04	.03	.03	.02	.02	.01	.02	.02		.03	.03	.04	.05	.06	.06	.05	.05	.05	.034	23	.07
6	.05	.04	.02	.03	.03	.03	.04	.04	.05	.05	.05	.05	.05	.05			.05	.04	.05	.06					.043	18	.07
7																											
8	.02	.02	.02	.02	.02	.02	.02	.03	.02	.02	.03	.03	.03	.03				.04	.04	.07	.06	.05	.06	.06	.033	21	.07
9	.04	.03	.02	.02	.02	.02	.03	.03	.03	.03	.03	.02	.02	.03		.03	.04	.05	.06	.08	.07	.06	.06	.05	.037	23	.07
10*	.05	.06	.05	.03	.05	.04	.04	.05	.04	.04	.03	.03	.03	.04		.04	.04	.05	.07	.08	.07	.07	.06	.06	.048	23	.08
11*	.05	.05	.05	.05	.05	.03	.04	.03	.03	.02	.02	.02	.02				.03	.03	.03	.03	.04	.05	.03	.03	.034	21	.06
12	.02	.03	.04	.04	.04	.03	.04	.05	.05	.04	.03	.03	.03	.04		.04	.04	.04	.03	.06	.04	.04	.04	.04	.037	23	.06
13	.04	.04	.03	.03	.04	.03	.04	.05	.05	.04	.04	.03	.03	.03		.04	.04	.03	.03	.03	.04	.03	.03	.03	.034	23	.06
14	.03	.03	.03	.03	.03	.03	.03	.04	.04	.04	.03	.04	.04	.04		.04	.04	.04	.04	.03	.03	.04	.03	.03	.035	23	.07
15	.02	.02	.02	.02	.01	.03	.03	.03	.03	.03	.03	.03	.03	.03				.00	.00	.00	.00	.00	.00	.00	.018	21	.04
16	.01	.01	.01	.01	.01	.01	.01	.02	.02	.02	.02	.02	.02	.03			.03	.08	.07	.06	.06	.05	.04	.04	.032	22	.12
17*	.04	.04	.04	.03	.03	.03	.03	.04	.05	.05	.04	.03	.03	.03		.04	.04	.06	.06	.07	.15	.08	.07	.07	.049	23	.25
18*	.07	.07	.08	.08	.07	.06	.05	.06	.13	.23	.16	.11	.08	.05		.04	.04	.04	.15	.08	.04	.06	.07	.07	.080	23	.29
19	.05	.05	.06	.06	.06	.07	.07	.10	.14	.15	.11	.07	.06	.05		.05	.07	.05	.03	.04	.04	.04	.03	.03	.044	23	.17
20	.04	.04	.03	.02	.02	.04	.04	.05	.04	.04	.04	.03	.03	.03		.04	.05	.03	.03	.03	.02	.02	.02	.02	.032	23	.05
21	.02	.01	.01	.01	.01	.02	.03	.03	.03	.04	.03	.04	.05	.05				.03	.03	.03	.03	.03	.03	.02	.027	21	.04
22	.02	.02	.02	.02	.02	.02	.02	.03	.02	.03	.02	.03	.03	.05			.05	.07	.06	.06	.06	.05	.04	.04	.035	22	.08
23	.04	.03	.03	.03	.03	.04	.05	.05					.03	.02		.02	.02	.02	.02	.02	.02	.02	.01	.01	.026	10	.05
24*	.02	.02	.02	.02	.02	.02	.01	.01	.01	.02	.02	.02	.02	.02		.02	.02	.02	.02	.02	.02	.02	.03	.03	.019	23	.03
25*	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03		.02	.02	.02	.02	.02	.02	.02	.02	.02	.026	23	.04
26	.02	.02	.01	.01	.01	.01	.01	.02	.02	.02	.02	.02	.02	.02		.02	.02	.02	.02	.03	.02	.02	.02	.02	.018	23	.03
27	.01	.01	.01	.01	.01	.01	.01	.02	.02	.02	.02	.02	.02	.02		.04	.04	.04	.04	.06	.04	.04	.03	.03	.024	23	.04
28	.03	.02	.03	.03	.02	.02	.02	.03	.03	.05	.04	.03	.04	.04		.04	.05	.04	.04	.06	.03	.03	.03	.03	.033	23	.05
29	.03	.03	.03	.03	.03	.04	.04	.04	.05	.05	.04	.04	.02	.04			.03	.03	.03	.03	.03	.04	.03	.02	.034	22	.05
30	.03	.02	.02	.02	.02	.02	.03	.04	.04	.03	.03	.03	.03	.03		.03	.03	.04	.03	.03	.03	.03	.02	.02	.028	23	.05
MEAN	.04	.03	.03	.03	.03	.03	.03	.04	.04	.05	.04	.03	.03	.04		.03	.04	.04	.04	.06	.04	.04	.04	.04	.038		
NO.	29	29	29	29	29	29	29	29	28	28	28	27	28	27		17	25	29	29	29	28	28	28	28		639	
MAX	.08	.07	.08	.08	.07	.07	.08	.10	.14	.23	.16	.11	.08	.10		.05	.10	.08	.15	.09	.15	.10	.09	.08	.080		.29

* Indicates Saturday or Sunday

Local standard time used

TABULATED THU., MAY 4, 1967

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory [illegible]
Division of Air Pollution, Public [illegible]
U. S. Department of Health, Education and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONCENTRATION IN PPM

COLORIMETRIC ANALYSIS

PHILADELPHIA, PA.

NITROGEN DIOXIDE
OCT. 1966

DAY OF MONTH	AM 12	1	2	3	4	5	6	7	8	9	10	11	PM 12	1	2	3	4	5	6	7	8	9	10	11	DAILY MEAN	NO. OF HRS	5 MIN MAX
1*	.02	.02	.02	.01	.01	.01	.01	.01	.01	.02	.02	.02	.02	.02		.02	.02	.02	.02	.02	.02	.02	.02	.02	.017	23	.03
2*	.02	.02	.02	.02	.02	.03	.03	.02	.02	.02	.02	.02	.02	.02			.03	.03	.04	.03	.06	.06	.07	.06	.032	22	.08
3	.06	.06	.04	.04	.04	.04	.05	.07	.11	.16	.12	.07	.06	.03			.04	.05	.04	.04	.04	.06	.05	.04	.059	22	.19
4	.05	.04	.03	.05	.05	.05	.05	.07	.08	.07	.06	.03	.04	.04		.03	.03	.04	.04	.04	.04	.04	.04	.04	.045	23	.09
5	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03		.03	.03	.03	.03	.03	.02	.02	.02	.02	.028	23	.05
6	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02			.02	.03	.03	.03	.03	.03	.03	.03	.022	22	.03
7	.03	.02	.02	.02	.02	.02	.02	.03	.05	.05	.03	.03				.04	.05	.06	.06	.06	.07	.06	.05	.04	.040	21	.07
8*	.04	.04	.04	.04	.04	.04	.03	.03	.05	.07	.08	.08	.07	.07		.06	.06	.05	.06	.05	.05	.05	.05	.05	.052	23	.08
9*	.06	.06	.05	.04	.04	.04	.04	.03	.04	.04	.06	.11	.09	.06			.06	.05	.05	.05	.05	.05	.05	.05	.052	22	.12
10	.03	.02	.02	.02	.03	.03	.03	.03	.04	.03	.03	.04	.04	.04		.04	.05	.06	.06	.06	.05	.05	.05	.06	.039	23	.07
11	.05	.05	.05	.05	.05	.05	.06	.06	.06	.07	.06	.04	.04	.04		.04	.05	.05	.05	.05	.05	.04	.04	.04	.050	23	.07
12	.04	.03	.03	.03	.03	.03	.04	.04	.04	.03	.03	.03	.03	.03		.04	.04	.04	.04	.04	.04	.04	.04	.04	.035	23	.09
13	.04	.03	.04	.04	.05	.06	.06	.07	.08	.13	.07	.06					.04	.02	.00	.00	.00	.00	.00	.00	.038	20	.14
14	.00	.00	.00	.00										.05		.05	.04	.03	.03	.03	.03	.03	.02	.02	.023	14	.06
15*	.01	.01	.01											.04		.03	.03	.03	.03	.03	.03	.02	.02	.02	.024	13	.05
16*	.02	.02	.02	.01	.01	.01	.01	.01	.01	.01		.01	.02	.02		.02	.02	.02	.02	.01	.01	.01	.01	.01	.014	21	.03
17	.01	.01	.01	.01	.01	.01	.01	.01	.03	.02	.03	.02	.02	.02			.02	.02	.02	.02	.02	.02	.02	.02	.017	23	.07
18	.01	.02	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01			.00	.01	.01	.01	.01	.01	.00	.00	.008	22	.02
19																											
20																											
21																											
22*	.05	.06	.06	.06	.06	.05		.07	.08	.08	.06	.05	.05	.05		.04	.04	.05	.05	.06	.06	.06	.06	.05	.057	22	.09
23*	.05	.05	.05	.05	.04	.05	.04	.04	.04	.07	.08	.07	.06	.05		.06	.08	.08	.09	.09	.08	.09	.08	.05	.062	23	.10
24	.05	.05	.04	.02	.02	.02						.03	.04	.04		.05	.06	.06	.06	.06	.05	.05	.05	.05	.044	18	.07
25	.04	.04	.04	.03	.03	.03	.04	.04	.04	.05	.05	.06	.06	.06		.08	.07	.07	.08	.09	.09	.08	.07	.06	.056	23	.09
26	.06	.06	.05	.05	.05	.05	.05	.06	.07	.07	.07	.07	.07	.06		.08	.09	.09	.10	.09	.08	.07	.10	.10	.071	23	.12
27	.08	.07	.07	.06	.06	.06	.06	.06	.06	.08	.06	.06	.08	.06			.07	.07	.08	.07	.06	.05	.05	.07	.064	22	.10
28	.08	.08	.06	.06	.06	.06	.06	.06	.08	.09	.08	.09	.09	.09			.11	.11	.13	.16	.15	.16	.17	.17	.099	22	.17
29*	.15	.13	.13	.11	.09	.08	.07	.07	.08	.10	.06	.06	.05	.05			.03	.03	.03	.03	.03	.02	.02	.02	.065	22	.16
30*	.02	.02	.02	.02	.02	.01	.01	.02	.01	.01	.01	.01	.02	.02		.02	.03	.03	.04	.04	.04	.04	.04	.04	.023	23	.05
31	.06	.06	.07	.05	.04	.03	.03	.04	.06	.06	.04	.03	.03	.03		.03	.04	.05	.05	.04	.05	.05	.05	.05	.045	23	.08
MEAN	.04	.04	.04	.03	.04	.03	.04	.04	.05	.05	.05	.04	.04	.04		.04	.04	.05	.05	.05	.04	.05	.05	.04	.043		
NO.	28	28	28	27	26	26	24	25	25	25	24	26	24	26		18	28	28	28	28	28	28	28	28		604	
MAX	.15	.13	.13	.11	.09	.08	.07	.07	.11	.16	.12	.11	.09	.09		.08	.11	.11	.13	.16	.15	.16	.17	.17	.099		.19

* Indicates Saturday or Sunday
Local standard time used

TABULATED THU., MAY 4, 1967

CONTINUOUS AIR MONITORING PROGRAM

HOURLY AVERAGES OF
GASEOUS POLLUTANT CONCENTRATIONS

Air Quality Section, Laboratory
Division of Air Pollution, Public
U. S. Department of Health

Robert A. Taft Sanitary Engineering
Cincinnati, Ohio

PHILADELPHIA, PA.

CONCENTRATION IN PPM

COLORIMETRIC ANALYSIS

NITROGEN DIOXIDE
NOV. 1966

DAY OF MONTH	AM 12-1	AM 1-2	AM 2-3	AM 3-4	AM 4-5	AM 5-6	AM 6-7	AM 7-8	AM 8-9	AM 9-10	AM 10-11	AM 11-12	PM 12-1	PM 1-2	PM 2-3	PM 3-4	PM 4-5	PM 5-6	PM 6-7	PM 7-8	PM 8-9	PM 9-10	PM 10-11	PM 11-12	DAILY MEAN	NO. OF HRS	5 MIN MAX
1	.04	.04	.05	.05	.04	.04	.04	.05	.06	.07	.06	.05	.03	.03		.04	.05	.06	.06	.06	.06	.05	.05	.04	.049	23	.07
2	.04	.03	.03	.03	.02	.03	.03	.03	.04	.04	.04	.04	.04	.04		.04	.04	.03	.03	.03	.04	.03	.02	.02	.032	23	.04
3	.02	.01	.01	.04	.01	.02	.03	.03	.02	.03	.03	.03	.03	.02			.02	.03	.03	.03	.03	.02	.03	.02	.024	22	.04
4	.02	.02	.02	.02	.02	.02	.02	.03	.03	.03	.03	.02	.02	.02			.04	.04	.04	.03	.03	.03	.03	.04	.027	22	.05
5*	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.04	.04	.02	.01		.01	.02	.01	.01	.01	.02	.01	.01	.01	.022	23	.05
6*	.01	.01	.01	.01	.01	.01	.01	.01	.00	.00	.01	.01	.01	.01			.04	.04	.04	.04	.04	.04	.03	.03	.018	22	.04
7	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.04	.04	.03		.06	.06	.06	.05	.05	.04	.04	.04	.03	.037	23	.07
8	.03	.03	.04	.04	.03	.03	.04	.04	.04	.04	.04	.04	.04	.03		.03	.04	.04	.03	.03	.03	.03	.03	.03	.035	23	.05
9	.03	.03	.02	.02	.02	.03	.02	.02	.02							.06	.07	.07	.06	.06	.05	.04	.03	.03	.038	18	.08
10	.03	.03	.03	.03	.01	.02	.02	.03	.02	.03	.03	.03	.02	.02				.03	.02	.02	.02	.01	.01	.01	.022	21	.04
11	.02	.01	.02	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01		.00	.00	.00							.010	17	.02
12*																											
13*																											
14	.03	.02	.02	.02	.02	.02	.02	.02	.03	.04	.05		.05	.06			.05	.06	.05	.05	.05	.05	.05	.05	.038	21	.07
15																											
16	.03	.03	.03	.03	.03	.04	.04	.04						.01	.00	.01	.05	.05	.05	.05	.05	.05	.06	.05	.036	19	.06
17	.05	.05	.05	.04	.04	.04	.04	.05	.06	.05	.06	.07	.07	.08			.06	.07	.07	.08	.08	.07	.08	.07	.061	22	.09
18	.07	.07	.07	.07	.07	.07	.06	.06	.07	.07	.07	.08	.08	.07			.07	.06	.06	.06	.06	.06	.06	.06	.066	22	.08
19*	.05	.04	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02		.03	.03	.04	.04	.03	.03	.03	.03	.03	.027	23	.05
20*	.03	.03	.03	.03	.03	.03	.03	.03	.02	.02	.03	.02	.03	.03			.04	.04	.04	.04	.05	.05	.05	.05	.035	22	.06
21	.06	.06	.06	.05	.05	.05	.04	.04	.06	.06	.06	.06	.05	.05			.05	.05	.04	.05	.06	.05	.05	.05	.052	22	.07
22	.05	.05	.05	.05	.05	.05	.04	.04	.06	.07	.08	.07	.07	.07			.07	.06	.06	.09	.15	.13	.06	.08	.068	22	.16
23	.12	.13	.11	.09	.08	.07	.07	.07	.07	.08	.10	.11	.11	.10			.09	.09	.09	.08	.07	.07	.08	.08	.088	22	.14
24	.07	.08	.09	.08	.07	.08	.07	.07	.07	.08	.13	.09	.05	.05		.06	.07	.07	.07	.07	.07	.10	.15	.17	.082	23	.18
25	.14	.14	.12	.12	.09	.08	.09	.10	.11	.12	.12	.12	.10	.08			.08	.07	.07	.07	.06	.06	.06	.07	.094	22	.15
26*	.07	.06	.06	.05	.05	.04	.04	.05	.04	.04	.04	.04	.04	.04			.05	.05	.04	.04	.04	.04	.04	.04	.045	22	.07
27*	.04	.04	.04	.04	.04	.03	.03	.04	.03	.04	.05	.06	.06	.07			.06	.05	.05	.05	.04	.04	.04	.04	.044	22	.08
28	.04	.04	.03	.02	.02	.02	.02	.03	.04	.04	.03	.03	.03	.03		.03	.04	.04	.04	.02	.03	.02	.02	.03	.030	23	.04
29																											
30																											
MEAN	.05	.04	.04	.04	.03	.04	.04	.04	.04	.05	.05	.05	.04	.04			.05	.05	.05	.05	.05	.05	.05	.05	.044		
NO.	25	25	25	25	25	25	25	25	24	23	23	22	23	24	1	11	24	25	24	24	24	24	24	24		544	
MAX	.14	.14	.12	.12	.09	.08	.09	.10	.11	.12	.13	.12	.11	.10	.00	.06	.09	.09	.09	.09	.15	.13	.15	.17	.094		.18

* Ingelfield Instrument Service
Local standard time used

TABULATED THU., MAY 4, 1967

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory [illegible] and Physical Sciences
Division of Air Pollution, Public [illegible]
U. S. Department of Health, Education and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONCENTRATION IN PPM

COLORIMETRIC ANALYSIS

PHILADELPHIA, PA.

NITROGEN DIOXIDE
DEC. 1966

DAY OF MONTH	AM 12-1	AM 1-2	AM 2-3	AM 3-4	AM 4-5	AM 5-6	AM 6-7	AM 7-8	AM 8-9	AM 9-10	AM 10-11	AM 11-12	PM 12-1	PM 1-2	PM 2-3	PM 3-4	PM 4-5	PM 5-6	PM 6-7	PM 7-8	PM 8-9	PM 9-10	PM 10-11	PM 11-12	DAILY MEAN	NO. OF HRS	5 MIN MAX
1		.04	.03	.03	.03	.03	.03	.03	.04	.03	.03	.03	.03	.04		.03	.04	.04	.04	.05					.035	17	.06
2	.04	.04	.03	.04	.04	.03	.03	.02	.03	.03			.03	.03		.04	.03	.03	.03	.03	.03	.03	.03	.03	.032	21	.05
3*	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03			.03	.03	.03	.03	.03	.03	.02	.03	.029	22	.03
4*	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.04			.04	.04	.04	.04	.05	.05	.04	.04	.034	22	.05
5	.04	.04	.04	.04	.04	.04	.04	.05	.06	.06	.07	.07	.05	.04		.04	.04	.04	.04	.04	.04	.04	.04	.04	.044	23	.07
6	.04	.04	.04	.04	.04	.03	.03	.04	.04	.04	.04	.05	.05	.05		.05	.05	.05	.06	.05	.05	.05	.05	.05	.044	23	.06
7	.05	.05	.04	.04	.04	.04	.04	.04	.03	.03	.03	.04	.04	.04		.04	.04	.04	.04	.04	.04	.04	.04	.03	.039	23	.05
8	.03	.04	.04	.04	.04	.04	.04	.04	.05	.05	.08	.06					.05	.06	.05	.05	.05	.04	.05	.05	.047	20	.08
9	.05	.04	.04	.04	.03	.03	.03	.04	.04	.04	.04	.06	.06	.05		.06	.06	.06	.06	.06	.05	.05	.05	.05	.047	23	.07
10*	.05	.05	.04	.04	.04	.04	.03	.03	.02	.03	.03	.04	.03	.03		.03	.04	.04	.03	.03	.03	.03	.02	.02	.033	23	.05
11*	.03	.03	.03	.04	.04	.03	.03	.03	.02	.01	.01	.01	.02	.02			.03	.03	.02	.03	.02	.02	.02	.02	.024	22	.04
12											.03	.03	.03	.03		.04	.04	.04	.04	.06	.04	.04	.04	.04	.037	13	.04
13	.03	.03	.03	.03	.03	.03	.04	.04	.04	.04	.04	.04	.05	.05			.05	.05	.04	.04	.04	.03	.03	.03	.038	22	.05
14	.03	.03	.02	.03	.03	.02	.02	.03	.03	.03	.04	.03	.04	.04			.03	.04	.04	.04	.03	.03	.03	.03	.032	22	.04
15	.03	.03	.04	.04	.04	.03	.03	.03	.03	.04			.03	.03			.03	.03	.03	.03	.03	.03	.03	.04	.032	20	.04
16	.04	.04	.04	.03	.04	.04	.04	.05	.05	.05	.06	.06	.05	.05			.06	.06	.05	.06	.06	.06	.05	.05	.048	22	.07
17*	.05	.05	.05	.05	.05	.05	.05	.05	.07	.08	.14	.11	.10	.09		.07	.07	.06	.06	.09	.07	.05	.05	.05	.065	23	.18
18*	.05	.05	.05	.05	.05	.04	.04	.04	.04	.05	.06	.07	.06	.06		.04	.06	.06							.050	17	.07
19																											
20	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.05	.05	.05	.05		.05	.05	.06	.06	.08	.05	.04	.04	.04	.045	23	.06
21	.04	.04	.03	.03	.03	.03	.03	.03	.03	.03	.04	.04	.04	.04		.05	.06	.06	.05	.06	.04	.04	.04	.04	.039	23	.06
22	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.05	.05	.05	.05				.05	.07	.07	.07	.07	.06	.06	.050	21	.07
23	.06	.06	.05	.05	.04	.04	.04	.04	.04	.05	.04	.04	.05	.05			.04	.04	.04	.04	.04	.04	.04	.04	.045	22	.06
24*	.04	.04	.03	.03	.03	.03	.03	.03	.03	.03	.04	.04	.04	.04		.04	.04	.04	.03	.03	.02	.02	.01	.03	.031	23	.04
25*	.02	.02	.03	.03	.02	.02	.02	.03	.03	.03	.02	.02	.02	.02			.03	.03	.03	.03	.03	.03	.03	.03	.025	22	.03
26	.03	.03	.03	.03	.03	.03	.04	.03	.03	.03	.03	.02	.02	.03		.02	.03	.03	.04	.04	.04	.04	.04	.04	.032	23	.04
27	.04	.04	.03	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04		.04	.04	.05	.04	.05	.05	.05	.05	.04	.043	23	.06
28	.04	.05	.04	.04	.04	.04	.04	.04	.04	.04	.05	.06	.07	.07		.06	.05	.05	.04	.04	.04	.04	.04	.03	.047	23	.08
29	.03	.03	.04	.04	.03	.03	.04	.04	.04	.04	.03	.04	.03	.03				.03	.03	.03	.03	.03	.03	.03	.033	21	.04
30	.03	.03	.03	.02	.03	.03	.03	.03	.03	.03	.03		.04	.03		.04	.04	.04	.04	.04	.04	.04	.04	.04	.034	22	.04
31*	.04	.04	.04	.04	.04	.04	.04	.04	.04	.05	.04	.05	.06	.09		.06	.06	.06	.05	.05	.05	.04	.04	.05	.048	23	.11
MEAN	.04	.04	.04	.04	.04	.03	.03	.04	.04	.04	.04	.04	.04	.04		.04	.04	.04	.04	.06	.04	.04	.04	.04	.039		
NO	28	29	29	29	29	29	29	29	29	29	28	27	29	29		17	28	30	29	29	28	28	28	28		647	
MAX	.06	.06	.05	.05	.05	.05	.05	.05	.07	.08	.14	.11	.10	.09		.07	.07	.06	.07	.09	.07	.07	.06	.06	.065		.18

* Indicates Saturday or Sunday
Local standard time used

TABULATED THU., MAY 4, 1967

CONTINUOUS AIR MONITORING PROGRAM

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

Air Quality Section, Laboratories
Division of Air Pollution, Public
U. S. Department of Health, Education and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

PHILADELPHIA, PA.

SULFUR DIOXIDE
JAN. 1966

CONCENTRATION IN PPM

CONDUCTOMETRIC ANALYSIS

DAY OF MONTH	AM 12-1	AM 1-2	AM 2-3	AM 3-4	AM 4-5	AM 5-6	AM 6-7	AM 7-8	AM 8-9	AM 9-10	AM 10-11	AM 11-12	PM 12-1	PM 1-2	PM 2-3	PM 3-4	PM 4-5	PM 5-6	PM 6-7	PM 7-8	PM 8-9	PM 9-10	PM 10-11	PM 11-12	DAILY MEAN	NO OF HRS	5 MIN MAX
1*	.13	.07	.18	.33	.14	.08	.10	.07	.04	.03	.03		.08	.06	.04	.02	.00	.00	.00	.01	.02	.04	.05	.05	.071	19	.64
2*	.04	.01	.00	.02	.00	.00	.00	.01	.00	.04	.12	.12	.07	.06	.05	.02	.01	.01	.03	.03	.04	.01	.01	.04	.030	24	.18
3	.01	.02	.02	.03	.05	.05	.10	.14	.17	.20	.11	.07	.01	.03	.05	.03	.10	.05	.06	.08	.11	.20	.18	.09	.059	24	.41
4	.08	.03	.04	.03	.03	.03	.02	.03	.05	.05	.03	.02	.42	.37	.36	.44	.45	.36	.30	.19	.13	.15	.20	.20	.288	24	.98
5	.15	.39	.18	.18	.16	.26	.30	.34	.28	.29	.38	.51															
6	.20	.14	.10	.08	.09	.10	.11	.09	.09	.07	.08			.07	.09		.05	.04	.04	.03	.04	.07	.07	.10	.083	21	.23
7	.06	.05	.04	.06	.04	.06	.06	.06	.06	.04	.02	.03	.03	.04	.03	.03	.06	.08	.08	.06	.06	.07	.07	.08	.052	24	.11
8*	.19	.12	.09	.06	.03	.02	.02	.01	.02	.02	.01	.02	.02	.02	.01	.01	.02	.01	.00	.01	.01	.01	.01	.00	.030	24	.26
9*	.00	.00	.02	.01	.01	.02	.02	.02	.02	.02	.02	.01	.02	.01	.01	.02	.04	.05	.05	.06	.04	.10	.14	.13	.034	24	.18
10																											
11	.05	.06	.04	.03	.03	.03	.03	.03	.04	.03	.03	.03	.02	.03	.03	.03	.03	.03	.02	.03	.03	.03	.03	.04	.031	24	.09
12	.04	.04	.03	.02	.03	.02	.03	.04	.05	.05	.04	.03			.03	.04	.03	.06	.07	.07	.08	.04	.04	.04	.041	22	.11
13	.06	.06	.07	.07	.10	.23	.21	.16	.29	.30	.29	.16	.11	.12	.09	.06	.06	.07	.10	.08	.07	.13	.21	.09	.132	24	.43
14	.06	.07	.07	.07	.08	.13	.11	.08	.06	.04	.03	.04	.03	.03	.03		.04	.06	.07	.08	.08	.11	.12	.13	.068	23	.16
15*	.09	.10	.11	.09	.11	.14	.10	.11	.17	.24	.15	.08	.07	.07	.05	.05	.05	.06	.09	.10	.13	.07	.04	.04	.095	24	.27
16*	.04	.04	.04	.03	.03	.03	.03	.03	.03	.04	.04	.04	.03	.03	.03	.03	.03	.04	.04	.05	.05	.04	.05	.06	.036	24	.06
17	.06	.05	.03	.03	.03	.03	.03	.03	.03	.04	.05	.04	.04	.04	.04	.04	.03	.05	.04	.05	.04	.05	.02	.04	.039	24	.07
18	.04	.04	.04	.04	.04	.04	.05	.04	.05	.04	.05	.06	.04	.04		.03	.04	.05	.06						.043	18	.08
19																											
20																											
21																											
22*																											
23*	.10	.09	.11	.09	.08	.11	.12	.11	.06	.05	.05	.04	.05	.04	.05	.05	.04	.04	.05	.05	.05	.05	.05	.05	.064	24	.13
24	.05	.04	.04	.05	.06	.06	.07	.06	.06	.06	.06		.04	.03	.03	.02	.02	.02	.04	.06	.03	.03	.03	.03	.042	23	.08
25	.03	.03	.03	.05	.02	.04	.07	.09	.05	.05	.05	.05	.06	.05	.06	.05	.07	.08	.10	.09	.06	.08	.08	.06	.058	24	.12
26	.05	.04	.05	.04	.04	.07	.09	.08	.09	.10	.11	.13	.19	.19	.22		.18	.17	.17	.17	.18	.16	.16	.13	.122	23	.26
27																											
28																											
29*																											
30*																											
31																											
MEAN	.07	.07	.06	.07	.06	.07	.08	.08	.08	.09	.08	.08	.07	.07	.07	.06	.06	.06	.07	.06	.06	.07	.08	.07	.071		
NO	21	21	21	21	21	21	21	21	21	21	21	18	18	19	19	17	21	21	21	20	20	20	20	20	.288	685	.64
MAX	.20	.39	.18	.33	.16	.26	.30	.34	.29	.30	.38	.51	.42	.37	.36	.44	.45	.36	.30	.19	.18	.20	.21	.20			

* Indicates Saturday or Sunday
Local standard time used

TABULATED THU., MAY 4, 1967

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of ... and Physical Sciences
Division of Air Pollution, Public Health ...
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

PHILADELPHIA, PA.

CONCENTRATION IN PPM

CONDUCTOMETRIC ANALYSIS

SULFUR DIOXIDE
FEB. 1966

DAY OF MONTH	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5 MIN MAX
	PM														
1	.07 .07 .07 .07 .07 .07	.08 .09 .10 .10 .10 .10	.10 .11 .12 .10	.07 .08	.07 .07 .13 .19 .20 .19								.101	23	.34
2	.21 .19 .16 .16 .12 .14	.17 .19 .24 .22 .19 .14	.12 .15 .19	.14 .12	.10 .11 .10 .08 .09 .08								.148	23	.25
3	.08 .08 .07 .09 .10 .10	.10 .11 .12 .13 .12 .11	.09 .09 .09 .09	.08 .08	.08 .08 .08 .13 .15 .11								.097	24	.17
4	.12 .11 .11 .11 .11 .15	.22 .27 .15 .14 .12 .12	.07 .05 .06 .06	.07 .06	.04 .05 .06 .07 .06 .06								.101	24	.29
5*	.08 .06 .06 .05 .05 .04	.04 .04 .04 .05 .05 .05	.05 .04 .04 .04	.04 .03	.03 .07 .06 .03 .05 .04								.047	24	.08
6*	.03 .05 .05 .05 .03 .03	.04 .06 .05 .04 .03 .03	.04 .04 .03 .04	.03 .03	.04 .05 .04								.038	21	.07
7															
8	.17 .17 .19 .19 .17 .20	.15 .12 .13 .11 .11		.10	.10 .10 .13 .16 .21 .17								.149	18	.26
9	.16 .18 .20 .21 .20 .21	.25 .27 .37 .45 .26 .18	.13 .11 .14 .17	.16 .16	.14 .13 .12 .08 .08 .10								.184	24	.50
10	.10 .07 .06 .06 .08 .06	.07 .11 .14 .12 .09 .11	.08 .08 .08 .06	.08 .07	.08 .07 .06 .06 .06 .06								.079	24	.15
11	.11 .09 .06 .05 .10 .17	.25 .27 .18 .12 .14 .10	.07 .07 .06 .07	.13 .21	.38 .38 .18 .11 .13 .17								.149	24	.47
12*	.16 .22 .17 .44 .24 .13	.12 .16 .24 .25 .17 .07	.04 .04 .04 .04	.04 .03	.04 .10 .08 .10 .10 .10								.129	24	.38
13*	.07 .07 .06 .06 .07 .08	.09 .10 .09 .09 .09 .08	.05 .06 .06 .05	.05 .04	.12 .12 .14 .08 .06 .05								.075	24	.20
14	.04 .05 .05 .05 .04 .04	.04 .05 .05 .05 .06 .06	.05 .04 .04 .05	.04 .04	.04 .04 .06 .08 .12 .09								.052	24	.14
15	.08 .12 .09 .06 .05 .05	.11 .10 .08 .06 .05		.02 .02	.02 .02 .03 .03 .03 .03								.055	19	.14
16	.07 .13 .08 .05 .04 .05	.06 .08 .09 .07 .05 .05	.06	.06 .08	.13 .11 .13 .13 .11 .08								.079	23	.15
17	.06 .05 .05 .05 .05 .04	.04 .03 .04 .04 .04 .04	.05 .05 .04 .05	.06 .05	.05 .08 .05 .06 .07 .08								.048	24	.08
18	.08 .16 .19 .27 .28 .30	.31 .36 .50 .58 .49 .21	.19 .19 .17 .21	.12 .08	.08 .05 .05 .05 .05 .12								.212	24	.61
19*	.16 .30 .25 .15 .12 .14	.17 .19 .12 .10		.05 .04	.04 .04 .04 .03 .03 .03								.111	18	.38
20*	.03 .03 .03 .03 .03 .03	.05 .04 .04 .04 .04 .02	.03 .03 .03 .03	.03 .04	.04 .04 .04 .04 .04 .04								.035	24	.05
21															
22															
23															
24															
25															
26*															
27*															
28															
MEAN	.10 .12 .11 .11 .10 .11	.12 .14 .14 .14 .12 .09	.08	.07 .07	.09 .09 .08 .08 .09 .09								.100		
NO	19 18 19 19 19 19	19 19 19 19 18 16	16 15 16 15	18 19	19 19 19 18 18 18									433	
MAX	.21 .30 .25 .44 .28 .30	.31 .36 .50 .58 .49 .21	.19 .19 .19 .21	.16 .21	.38 .38 .18 .19 .21 .19								.212		.61

* Indicates Saturday or Sunday
Local standard time used

TABULATED THU., MAY 4, 1967

C-45

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory [illegible]
Division of Air Pollution, Public H[illegible]
U. S. Department of Health, E[illegible]

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

PHILADELPHIA, PA.

SULFUR DIOXIDE
MARCH 1966

CONCENTRATION IN PPM

CONDUCTOMETRIC ANALYSIS

DAY OF MONTH	AM 12	AM 1	AM 2	AM 3	AM 4	AM 5	AM 6	AM 7	AM 8	AM 9	AM 10	AM 11	PM 12	PM 1	PM 2	PM 3	PM 4	PM 5	PM 6	PM 7	PM 8	PM 9	PM 10	PM 11	DAILY MEAN	NO. OF HRS	5 MIN. MAX
1																											
2																											
3																											
4										.31	.29	.45			.52	.44	.40	.20	.16	.21	.12	.09	.08	.12	.260	13	.57
5*	.18	.19	.09	.05	.07	.04	.05	.12	.09	.15	.21	.15	.03	.02	.01	.02	.01	.02	.02	.01	.00	.00	.00	.00	.064	24	.29
6*	.01	.00	.02	.01	.00	.00	.00	.00	.00	.00	.00	.00	.01	.03	.04	.04	.01	.01	.01	.01	.01	.01	.01	.01	.010	24	.07
7	.01	.01	.01	.02	.04	.04	.02	.04	.03	.03	.02	.01	.01	.01	.00	.00									.010	16	.05
8																											
9	.01	.02	.03	.03	.06	.05	.05	.04	.06	.08	.08	.05	.05	.04	.06	.06	.05	.05	.07	.07	.06	.09	.08		.053	23	.11
10		.34	.27	.27			.17	.15	.16				.11	.16	.13		.19	.26	.28	.22	.28	.22	.22	.21	.213	17	.38
11	.25	.19	.16	.20	.20	.15	.15	.16	.18	.17	.14	.19	.34	.35	.43	.33	.24	.42	.29	.26	.24	.15	.16	.13	.227	24	.45
12*	.10	.11	.10	.10	.11	.11			.06	.07	.06	.04	.03	.03	.02	.02	.03	.01	.07	.11	.10	.04	.05	.05	.065	22	.17
13*	.08	.07	.03	.02	.02	.01	.01	.02	.03	.03	.03	.03	.10	.03	.03	.09	.07	.09	.07	.08	.10	.12	.10	.05	.054	24	.19
14	.03	.02	.01	.02	.01	.01	.02	.02	.04	.05	.08	.16						.14	.14	.16	.19	.17	.14	.12	.078	19	.21
15	.07	.08	.08	.07	.07	.08	.07	.06	.09	.07	.04	.03	.03												.063	13	.09
16																											
17	.14	.15	.12	.18	.20	.13	.09	.18	.16	.13	.08	.10	.07	.06	.07	.09	.08	.09	.08	.05	.02	.02	.09	.15	.103	24	.24
18	.20	.24	.27	.39	.41	.33	.23	.39	.58	.29	.22	.18	.18	.13	.10	.10	.10	.02	.02	.04	.03	.02	.02	.03	.187	24	.68
19*	.02	.02	.02	.10	.09	.07	.07	.05	.06	.08	.04	.02	.03	.04	.10	.12	.02	.01	.01	.01	.00	.00	.01	.00	.040	24	.17
20*	.00	.04	.02	.03	.01	.01	.02	.04	.02	.01	.01	.00	.00	.00	.02	.01	.01	.00	.00	.00	.00	.01	.01	.06	.013	24	.13
21	.02	.02	.03	.01	.02	.01	.02	.07	.04	.00	.00	.01					.03	.07	.09	.10	.09	.12	.20	.18	.057	20	.25
22	.22	.24	.32	.32	.14	.04	.06	.07	.03	.02	.05	.01	.07	.03	.03	.03	.05	.04	.12	.19	.15	.21	.09	.05	.106	24	.37
23	.08	.15	.06	.02	.03	.04	.05	.07	.08	.08	.06	.03	.09	.05	.05	.07	.04	.12	.14	.13	.11	.12	.11	.06	.077	24	.20
24	.04	.05	.03	.01	.01	.01	.03	.10	.11	.24	.30	.29	.22	.11	.03		.07	.05	.03	.00	.01	.00	.00	.00	.075	23	.38
25	.00	.00	.00	.00	.00	.00	.01	.01	.01	.01	.01	.01	.00	.01	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.003	24	.02
26*	.02	.02	.04	.10	.11	.11	.17	.28	.31	.07	.03	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.04	.00	.00	.054	24	.37
27*	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00												.000	13	.00
28																											
29	.01	.01	.01	.01	.01	.02	.03	.03	.02	.02	.02	.03	.03	.03	.03	.03	.03	.02	.02	.03	.03	.05	.07	.17	.031	24	.35
30	.28	.24	.21	.08	.14	.12	.11	.14	.28	.27	.26	.21	.13	.12	.13	.11	.05	.04	.04	.03	.03	.03	.04	.03	.129	24	.33
31	.02	.04	.03	.02	.02	.02	.02	.03	.03	.05	.02	.04	.04	.04	.04	.04	.04	.03	.02	.01	.02	.02	.03	.03	.029	24	.05
MEAN	.08	.09	.08	.09	.08	.06	.06	.09	.10	.09	.08	.09	.07	.06	.09	.08	.07	.08	.08	.08	.07	.07	.07	.07	.078		
NO	23	24	24	24	23	23	23	23	24	24	24	24	22	20	21	19	21	22	22	22	22	22	22	21		539	
MAX	.28	.34	.32	.39	.41	.33	.23	.39	.58	.31	.30	.45	.34	.35	.52	.44	.40	.42	.29	.26	.28	.22	.22	.21	.260		.68

* Indicates Saturday or Sunday

Local standard time used

TABULATED THU., MAY 4, 1967

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory [illegible]
Division of Air Pollution, Public [illegible]
U. S. Department of Health, Education and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONCENTRATION IN PPM

CONDUCTOMETRIC ANALYSIS

PHILADELPHIA, PA.

SULFUR DIOXIDE
APRIL 1966

DAY OF MONTH	AM 12	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	PM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5 MIN MAX
1	.03	.02	.04	.04	.09	.08	.11	.07	.08	.07	.04						.07	.09	.13	.18	.20	.13	.06	.05	.082	19	.22
2*	.05	.07	.12	.21	.14	.08	.06	.08	.10	.10	.09	.09	.09	.09	.07	.11	.23	.15	.09	.09	.05	.05	.05	.05	.096	24	.29
3*	.06	.05	.07	.07	.07	.08	.08	.08	.07	.06	.07	.09	.08	.07	.06	.06	.15	.07	.08	.08	.09	.10	.08	.08	.076	24	.17
4	.15	.11	.08	.08	.08	.08	.08	.08	.09	.10	.09	.08	.07	.08	.06	.06	.06	.07	.06	.06	.07	.07	.06	.08	.078	24	.19
5	.05	.04	.05	.05	.07	.08	.09	.09	.08	.07	.06			.07	.06	.05	.06	.06	.05	.04	.05	.05	.05	.05	.060	22	.11
6	.05	.05	.07	.08	.09	.11	.14	.11	.07	.07	.05	.06	.05	.06	.08	.07	.08	.05	.04	.05	.05	.08	.15	.10	.074	24	.21
7	.21	.30	.26	.22	.24	.35	.40	.51	.51	.30	.12	.11	.09	.13	.11		.12	.13	.14	.10	.11	.06	.05	.05	.200	23	.68
8	.05	.05	.07	.05	.05	.06	.08	.09	.08	.07	.06	.06	.06	.05	.06	.06	.06	.06	.05	.06	.06	.08	.06	.08	.062	24	.10
9*	.06	.05	.06	.05	.05	.06	.07	.08	.06	.06	.06	.05	.05	.06	.05	.06	.06	.05	.05	.07	.07	.07	.13	.08	.062	24	.14
10*	.07	.07	.10	.15	.14	.11	.11	.11	.10	.06	.06	.05	.05	.07	.06	.07	.04	.03	.03	.04	.05	.05	.09	.11	.075	24	.17
11	.11	.09	.09	.09	.12	.13	.10	.08	.09	.08	.06	.06	.06	.07	.07	.09	.06	.04	.04	.06	.05	.07	.09	.07	.077	24	.19
12	.05	.05	.05	.07	.13	.16	.19	.21	.29	.39	.33	.28	.11	.08			.04	.05	.05	.06	.09	.09	.06	.06	.131	22	.43
13	.05	.06	.08	.07	.05	.04	.08	.06	.06	.06	.07	.07	.07	.07	.07	.07	.07	.08	.07	.06	.11	.11	.09	.08	.070	24	.13
14	.06	.06	.06	.06	.06	.06	.08	.10	.10	.08	.05	.05	.04	.04	.04				.05	.06	.09	.09	.11	.10	.067	21	.13
15	.15	.13	.11	.15	.15	.16	.17	.12	.09	.09	.06	.06	.05	.06	.11	.13	.11		.08	.09	.08	.18	.25	.26	.121	23	.30
16*	.36	.36	.36	.40	.25	.25	.19	.16	.09	.06	.05	.05	.06	.06	.07	.04	.04	.09	.04	.09	.08	.06	.07	.07	.140	24	.51
17*	.06	.07	.08	.09	.12	.13	.12	.14	.10	.09	.13	.20	.14	.12	.10	.10	.08	.11	.09	.11	.09	.11	.17	.18	.112	24	.23
18	.38	.28	.37	.56	.38	.34	.37	.45	.38	.32	.22	.20	.20	.27	.25	.23	.11	.09	.07	.12	.19	.16	.11	.15	.258	24	.63
19	.20	.25	.20	.12	.11	.11	.13	.13	.13	.11	.18			.11	.12	.14	.12	.10	.11	.11	.08	.10	.08	.07	.127	22	.30
20	.06	.06	.08	.06	.06	.10	.08	.11	.12	.16	.16	.15	.13	.11	.10	.11	.09	.09	.15	.15	.17	.21	.21	.17	.119	24	.26
21	.11	.11	.11	.08	.08	.14	.23	.33	.41	.33	.21	.17	.32	.11	.11		.07	.06	.07	.06	.05	.05	.13	.12	.150	23	.48
22	.10	.10	.09	.06	.04	.05	.04	.06	.06	.05	.06	.05	.05	.04	.06	.08	.26	.29	.2-	.38	.35	.26	.20	.23	.133	24	.42
23*	.20	.18	.17	.18	.13	.12	.16	.15	.13	.10	.08	.09	.11	.07	.06	.06	.04	.04	.05	.06	.05	.04	.04	.06	.099	24	.23
24*	.05	.05	.06	.04	.05	.07	.09	.12	.12	.11	.12	.18	.21	.21	.20	.28	.24	.23	.22	.15	.12	.09	.15	.13	.136	24	.33
25	.17	.13	.12	.11	.09	.09	.09	.08	.07	.07		.08	.06	.06	.05	.05	.05	.04	.03	.06	.03	.04	.04	.05	.070	23	.19
26	.08	.06	.04	.04	.08	.13	.17	.15	.11	.07			.06	.05	.07	.06	.11	.11	.06	.04	.05	.04	.08	.09	.079	22	.21
27	.16	.11	.08	.05	.09	.08	.10	.10	.13	.11	.10	.10	.10	.08	.09	.08	.10	.12	.16	.14	.07	.07	.06	.06	.096	24	.20
28	.09	.07	.06	.05	.05	.07	.06	.09	.11	.13	.12	.13	.16	.14	.13	.15	.14	.14	.12	.15	.17	.09	.09	.11	.109	24	.19
29	.07	.07	.07	.08	.08	.08	.09	.12	.12	.10			.11	.10	.07	.07	.09	.10	.16	.18	.15	.19	.14	.15	.106	22	.20
30*	.13	.09	.09	.09	.09	.12	.22	.24	.17	.10	.08	.06	.06	.05	.05	.05	.06	.05	.05	.07	.06	.06	.06	.07	.090	24	.27
MEAN	.11	.10	.11	.11	.11	.12	.13	.14	.14	.12	.10	.10	.10	.09	.09	.09	.09	.09	.09	.10	.10	.09	.10	.10	.105		
NO	30	30	30	30	30	30	30	30	30	30	27	25	27	29	28	25	29	28	30	30	30	30	30	30		698	
MAX	.38	.36	.37	.56	.38	.35	.40	.51	.51	.39	.13	.28	.32	.27	.25	.28	.26	.29	.23	.38	.35	.26	.25	.26	.258		.68

* Indicates Saturday or Sunday
Local standard time used

TABULATED THU., MAY 4, 1967

Q. 47

CONTINUOUS AIR MONITORING PROGRAM

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

Air Quality Section, Laboratory
Division of Air Pollution, Public
U. S. Department of Health, Education and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

PHILADELPHIA, PA.

SULFUR DIOXIDE
MAY 1966

CONCENTRATION IN PPM

CONDUCTOMETRIC ANALYSIS

DAY OF MONTH	AM 12-1	AM 1-2	AM 2-3	AM 3-4	AM 4-5	AM 5-6	AM 6-7	AM 7-8	AM 8-9	AM 9-10	AM 10-11	AM 11-12	PM 12-1	PM 1-2	PM 2-3	PM 3-4	PM 4-5	PM 5-6	PM 6-7	PM 7-8	PM 8-9	PM 9-10	PM 10-11	PM 11-12	DAILY MEAN	NO OF HRS	5 MIN MAX
1*	.10	.14	.15	.13	.11	.12	.10	.14	.11	.09	.07	.05	.04	.04	.03	.03	.04	.04	.04	.05	.06	.03	.03	.03	.072	24	.16
2	.03	.03	.03	.03	.03	.03	.03	.04	.05	.04	.05	.05	.04	.08		.12	.13	.05	.03	.04	.06	.07	.06	.07	.050	23	.16
3	.13	.18	.17	.13	.12	.16	.20	.22	.14	.26	.19	.18	.18	.23	.20	.21	.24	.26	.22	.09	.08	.14	.06	.05	.167	24	.38
4	.04	.05	.05	.07	.05	.06	.06	.05	.05	.05	.05	.05			.04	.04	.03	.03	.03	.05	.06	.06	.06	.05	.049	22	.09
5	.06	.10	.10	.11	.13	.24	.29	.13		.14	.17	.17	.12	.13	.13	.15	.16	.10	.09	.05	.05	.05	.20	.40	.141	23	.48
6	.47	.50	.52	.51	.37	.29	.15	.36	.37	.26	.31	.35	.25	.26	.24	.14	.05	.05	.05	.04	.03	.02	.02	.03	.233	24	.58
7*	.04	.03	.02	.02	.02	.02	.02	.02	.02	.02	.03	.03	.02	.02	.02	.02	.07	.10	.04	.03	.03	.03	.03	.03	.030	24	.16
8*	.02	.03	.05	.06	.03	.02	.04	.15	.09	.10	.16	.14	.17	.21	.26	.15	.09	.06	.04	.06	.06	.04	.03	.05	.085	24	.31
9	.08	.07	.05	.05	.05	.06	.06	.08	.07	.06	.06	.05	.05	.04	.03	.03	.03	.04	.03	.03	.04	.05	.05	.04	.051	24	.08
10	.04	.04	.05	.06	.06	.06	.06	.05	.03			.02	.02	.03	.03	.02	.02	.02	.02	.03	.07	.05	.06	.05	.040	22	.08
11	.05	.06	.07	.06	.07	.22	.21	.13	.07	.06			.04	.03	.03	.04	.03	.05	.07	.07	.06	.07	.07	.06	.072	22	.30
12	.06	.06	.06	.05	.05	.07	.09	.10	.08	.09	.06	.05	.05	.05	.04	.04	.05	.04	.05	.04	.04	.04	.04	.04	.055	24	.10
13	.04	.09	.13	.13	.32	.40	.18	.11	.08	.04	.04	.03	.03	.03	.03	.03	.02	.01	.01	.01	.01	.02	.01	.01	.075	24	.48
14*	.01	.02	.07	.11	.09	.12	.10	.14	.08	.05	.06	.07	.06	.09	.10	.08	.08	.07	.06	.05	.05	.05	.08	.06	.072	24	.19
15*	.06	.07	.07	.07	.08	.09	.10	.12	.10	.07	.09	.14	.07	.08	.10	.10	.07	.04	.03	.03	.04	.04	.03	.03	.071	24	.18
16	.03	.04	.06	.06	.09	.16	.16	.10	.11	.10	.11	.08	.11	.09	.07	.06	.05	.04	.03	.03	.03	.03	.06	.07	.073	24	.18
17	.04	.05	.04	.05	.04	.04	.05	.07	.12	.17			.21	.25	.20	.11	.10	.10	.07	.06	.04	.02	.01	.01	.084	22	.26
18	.00	.00	.00	.02	.02	.04	.06	.07	.05	.04	.05	.05	.05	.05	.06	.07	.05	.02	.00	.00	.00	.03	.05	.04	.033	24	.10
19	.02	.03	.04	.02	.01	.01	.01	.02	.02	.01		.03	.12	.09	.06	.20	.15	.10	.07	.11	.09	.10	.09	.09	.065	23	.23
20	.15	.18	.11	.08	.14	.08	.05	.05	.05	.05	.06	.21	.04		.02	.02	.02	.01	.01	.03	.08	.12	.16	.18	.083	23	.24
21*	.18	.13	.18	.16	.33	.30	.16	.15	.11	.19	.12	.07	.09	.08	.08	.07	.07	.05	.04	.03	.04	.03	.02	.02	.112	24	.41
22*	.01	.01	.00	.00	.00	.00	.00	.00	.00	.01	.00	.00	.00	.00	.01	.02	.01	.00	.03	.05	.04	.06	.07	.10	.017	24	.15
23	.10	.15	.28	.20	.13	.10	.16	.36	.25	.20			.08	.08	.05	.06	.08	.07	.02	.01	.01	.01	.01	.10	.113	22	.44
24	.18	.11	.21	.14	.11	.08	.14	.34	.14	.06	.04	.03	.04	.03	.04	.02	.02	.02	.02	.03	.03	.03	.03	.03	.079	24	.48
25	.03	.01	.04	.07	.08	.08	.11	.20	.21	.23	.31	.36	.31	.33	.41	.30	.21	.18	.13	.06	.04	.01	.07	.08	.160	24	.48
26	.05	.03	.04	.07	.07	.06	.11	.11	.09		.07	.11	.15	.25	.11	.02	.01	.01	.17	.26	.24	.21	.07	.06	.102	23	.30
27	.18	.26	.28	.33	.29	.18	.16	.23	.25	.20	.11	.08	.04	.02	.01	.01	.02	.01	.01	.01	.01	.00	.00	.00	.111	24	.36
28*	.00	.01	.01	.01	.02	.04	.05	.07	.08	.08	.09	.11	.07	.11	.10	.10	.09	.09	.04	.02	.01	.03	.01	.03	.052	24	.16
29*	.04	.03	.05	.07	.06	.08	.10	.06	.03	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.00	.00	.022	24	.11
30	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.01	.03	.02	.03	.03	.03	.03	.03	.03	.03	.04	.09	.08	.06	.023	24	.14
31	.05	.05	.05	.05	.05	.10	.12	.23	.26	.15		.09	.14	.18	.13	.08	.11	.08	.08	.08	.07	.05	.05	.07	.100	23	.35
MEAN	.07	.08	.10	.09	.10	.11	.10	.13	.10	.10	.09	.09	.09	.10	.09	.07	.07	.06	.05	.05	.05	.05	.05	.06	.081		
NO	31	31	31	31	31	31	31	31	30	29	25	28	30	29	30	31	31	31	31	31	31	31	31	31		728	
MAX	.47	.50	.52	.51	.37	.40	.29	.36	.37	.26	.31	.36	.31	.33	.41	.30	.24	.26	.22	.26	.24	.21	.20	.40	.233		.58

* Indicates Sunday
Local standard time used

TABULATED THU., MAY 4, 1967

CONTINUOUS AIR MONITORING PROGRAM

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

Air Quality Section, Laboratory [illegible] Physical Sciences
Division of Air Pollution, Public [illegible] Service
U. S. Department of Health, Education and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

PHILADELPHIA, PA.

CONCENTRATION IN PPM

CONDUCTOMETRIC ANALYSIS

SULFUR DIOXIDE
JUNE 1966

DAY OF MONTH	AM 12	AM 1	AM 2	AM 3	AM 4	AM 5	AM 6	AM 7	AM 8	AM 9	AM 10	AM 11	PM 12-1	PM 1-2	PM 2-3	PM 3-4	PM 4-5	PM 5-6	PM 6-7	PM 7-8	PM 8-9	PM 9-10	PM 10-11	PM 11-12	DAILY MEAN	NO. OF HRS	DAILY MAX
1			.15	.21								.04	.04	.04	.02	.02	.02	.02	.02	.02	.02	.02	.04	.04	.048	15	.24
2	.05	.11	.16	.17	.13	.09	.08	.05	.03	.03	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.03	.04	.04	.04	.052	24	.18
3	.03	.03	.04	.04	.06	.05	.05	.05	.04	.04	.05	.15	.06	.05	.07	.09	.14	.25	.19	.24	.39	.47	.43	.39	.141	24	.52
4*	.30	.24	.22	.24	.25	.19	.29	.38	.14	.09	.10	.12	.07	.05	.05	.06	.05	.04	.14	.29	.11	.12	.14	.30	.164	24	.53
5*	.37	.33	.18	.17	.15	.16	.12	.16	.26	.26	.48	.42	.16	.13	.13	.13	.11	.10	.22	.17	.29	.31	.32	.38	.228	24	.63
6	.23	.27	.46	.38	.27	.23	.37	.46	.41	.33	.22	.19	.20	.11	.09	.09	.07	.06	.05	.07	.11	.09	.08	.07	.204	24	.52
7		.03	.03	.03	.11	.17	.18	.28	.43	.29				.02	.03	.05	.06	.03	.02	.01	.03	.15	.21		.114	19	.47
8									.10	.12	.16	.15	.08	.13	.05	.09	.09	.12	.08	.10	.08		.17	.17	.113	15	.26
9	.18	.13		.04	.02	.01	.01	.02	.03	.07	.07	.11	.08	.07	.08	.07	.07	.11	.07	.06	.06	.04	.02	.03	.063	23	.22
10	.07	.18	.22	.35	.32	.32	.36	.33	.37	.29	.32	.15	.13	.29	.18	.08	.03	.01	.00	.00	.00	.00	.00	.00	.167	24	.43
11*	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.04	.01	.01	.01	.02	.004	24	.07
12*																											
13	.05	.05	.05	.05	.05	.05	.06	.06	.06				.01	.01	.01	.01	.01	.01	.01	.00	.00	.00	.03	.07	.031	21	.08
14	.10	.12	.18	.25	.18	.10	.09	.09	.25	.18	.20	.15	.16	.13	.19	.20	.32	.15	.07	.05	.04	.03	.03	.03	.135	24	.52
15	.05	.07	.07	.09	.09	.07	.09	.13	.20	.25		.15	.08	.05	.03	.03	.02	.02	.02	.02	.03	.02	.06	.37	.087	23	.54
16	.22	.14	.22	.27	.29	.24	.27	.15	.06	.04	.13	.13	.10	.17	.10	.04	.03	.03	.04	.06	.04	.12			.131	22	.37
17																											
18*																											
19*																											
20		.21		.29			.24	.48	.50	.51	.37		.28	.19	.16	.14	.20	.16	.13	.12	.12	.09	.21	.49	.257	19	.75
21	.66	.42	.42		.23	.24	.18	.13		.06	.08				.07						.04	.04	.04	.04	.189	14	.78
22	.05	.05	.05	.05	.05	.05	.07	.10	.11	.17	.18	.22	.16	.14	.13		.15	.19	.08	.09		.26			.117	20	.40
23																											
24	.03	.03	.04	.04	.04	.05	.09							.03	.03				.03	.03	.03	.04	.03	.03	.039	15	.12
25*	.02	.03	.05	.11		.13	.14	.13			.03	.03	.03	.03	.02	.03	.03	.03	.03	.02	.02	.00	.00	.00	.043	21	.14
26*	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		.11	.19	.32	.31	.30	.24	.23	.18	.11	.06	.12	.17	.101	23	.38
27	.24	.47	.39	.33	.43	.16	.26	.20	.16	.08	.06	.12	.26	.25	.24	.13	.15	.19	.45	.41	.14	.14	.10	.37	.229	24	.69
28	.24	.17	.19	.21	.32	.34	.29	.29	.28	.16	.30	.24			.14	.14	.10	.09	.18	.11	.11	.12	.13	.10	.192	22	.36
29	.14					.07	.10	.14			.05	.06	.11	.04	.04		.05	.06	.07		.06	.06	.07	.10	.075	16	.17
30	.12	.12	.22	.36	.23							.07	.06	.06	.07	.08	.06		.04	.09		.10	.11		.118	15	.40
MEAN	.15	.14	.16	.17	.16	.13	.15	.17	.18	.16	.15	.13	.10	.10	.09	.09	.09	.09	.09	.08	.08	.10	.10	.15	.124		
NO.	21	22	21	22	20	21	22	21	19	19	19	19	21	23	25	21	23	22	24	23	23	24	23	21		519	
MAX	.66	.47	.46	.38	.43	.34	.37	.48	.50	.51	.48	.42	.28	.29	.32	.31	.32	.25	.45	.29	.39	.47	.43	.49	.257		.78

* Indicates Standard Time
Local standard time used

TABULATED THU., MAY 4, 1967

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory [illegible]
Division of Air Pollution, Public [illegible]
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONCENTRATION IN PPM

CONDUCTOMETRIC ANALYSIS

PHILADELPHIA, PA.

SULFUR DIOXIDE
JULY 1966

DAY OF MONTH	AM 12-1	AM 1-2	AM 2-3	AM 3-4	AM 4-5	AM 5-6	AM 6-7	AM 7-8	AM 8-9	AM 9-10	AM 10-11	AM 11-12	PM 12-1	PM 1-2	PM 2-3	PM 3-4	PM 4-5	PM 5-6	PM 6-7	PM 7-8	PM 8-9	PM 9-10	PM 10-11	PM 11-12	DAILY MEAN	NO. OF HRS	5 MIN MAX
1									.21	.32	.21	.18	.18	.18	.20	.18	.13	.10	.10	.05	.06	.09	.18	.157	15	.38
2*									.05	.04	.04	.04	.04	.05	.05	.05	.05	.11	.09	.05	.03	.03	.03	.050	15	.21
3*	.03	.04	.04	.05	.22	.14	.09	.09	.09	.07	.04	.03	.03	.03	.03	.03	.04	.04	.03	.02	.02	.02	.02	.02	.052	24	.26
4	.02	.02	.02	.02	.01	.01	.01	.01	.01						.04	.05	.04	.02	.02	.02	.05	.04	.02	.01	.022	19	.06
5	.04	.08	.11	.09	.08	.06	.06	.08	.07	.18	.26	.10	.05				.04	.09	.03	.04	.05	.08	.15	.11	.087	21	.34
6	.09	.06	.05	.04	.08	.08	.07	.10	.15	.21	.25	.09	.08	.13	.10	.11	.13	.18	.22	.12	.09	.10	.12	.17	.117	24	.35
7	.17	.22	.21	.19	.16	.11	.09	.05	.05					.03	.06	.05	.06	.06	.05	.05	.06	.07	.04	.04	.090	20	.31
8	.04	.03	.03	.03	.08	.07	.05	.07	.08	.06	.05	.05	.05	.06	.05	.05	.06	.05	.04	.04	.04	.04	.04	.03	.048	24	.14
9*	.03	.02	.02	.05	.07	.10	.07	.03	.03	.03	.02	.03	.04	.05	.03	.04	.03	.03	.08	.12	.21	.14	.15	.04	.061	24	.37
10*	.03	.04	.10	.10	.24	.26	.30	.25	.18	.15	.04	.04	.14	.17	.24	.22	.22	.22	.28	.35	.32	.12	.03	.05	.169	24	.45
11	.08	.13	.06	.04	.03	.02	.03	.03	.04	.04	.04	.04	.05	.05	.04	.04	.04	.04	.03	.04	.04	.03	.02	.02	.042	24	.14
12	.02	.04	.04	.04	.04	.04	.05	.05	.04	.05			.12	.17	.12	.04	.05	.04	.03	.10	.17	.25	.20	.06	.078	22	.48
13	.04	.03	.10	.22	.16	.05	.03	.03	.04		.03	.07	.06	.03			.02	.02	.01	.01	.01	.01	.01	.00	.046	21	.26
14	.00	.01	.03	.13	.15	.15	.05	.01	.00	.00	.01	.02	.01	.02	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.025	24	.20
15	.00	.00	.00	.00	.01	.02	.09	.01	.00	.00	.00	.00	.00	.00		.09	.13	.06	.01	.00	.00	.00	.00	.00	.018	23	.20
16*	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		.00	.00	.01	.03	.00	.00	.00	.00	.02	.00	.002	23	.08
17*	.00	.00	.00	.03	.00	.00	.01						.05	.02	.02	.00	.00	.00	.00	.00	.00	.00	.02	.07	.011	19	.15
18	.05	.02	.04	.02	.00	.00	.00	.00				.17	.15	.12	.12	.16	.12	.19	.26	.28	.25	.23	.19	.15	.118	21	.42
19	.15	.15	.15	.08	.22	.20	.33	.33	.23	.29		.11	.08		.06	.15	.21	.29							.189	16	.47
20																											
21		.03	.08	.11	.07	.07	.05		.02	.03	.02	.02	.03	.03	.02	.02	.03	.03	.02	.02	.03	.07	.07	.06	.042	22	.12
22	.17	.21	.19	.17	.19	.19	.09	.06	.07	.08	.06	.03	.04			.07	.08	.08	.04	.06	.03	.03	.03	.04	.090	22	.24
23*	.14	.24	.25	.23	.26	.24	.19	.34	.19	.29	.12	.05	.03	.02	.03	.03	.02	.02	.02	.03	.07	.05	.13	.09	.127	24	.57
24*	.04	.03	.03	.04	.07	.15	.08	.08	.10	.07	.06	.05	.03	.02	.03	.02	.06	.11	.06	.01	.02	.04	.09	.02	.056	24	.20
25	.02	.01	.08	.12	.07	.11	.19	.18	.07	.07	.22	.16	.06	.09	.07	.03	.01	.01	.01	.01	.02	.08	.07	.16	.079	24	.31
26	.23	.33	.26	.26	.22	.31	.29	.21	.11	.05	.05			.05	.04	.03	.03	.04	.05	.03	.03	.04	.06	.06	.125	22	.44
27	.06	.09	.05	.04	.06	.07	.16	.17	.06	.04	.05	.04	.04	.04	.05	.05	.04	.04	.04	.06	.02	.01	.02	.06	.055	24	.23
28	.06	.03	.01	.01	.01	.00	.00	.00	.07	.14	.09	.02	.02	.02	.03	.05	.04	.10	.23	.13	.17	.11	.26	.29	.079	24	.46
29	.33	.16	.12	.08	.08	.05	.04		.13	.03	.02	.02	.03	.02		.04	.03	.03	.03	.03	.03	.03	.03	.03	.063	22	.57
30*	.03	.03	.03	.02	.02	.02	.02	.02	.04	.03	.02	.03	.02	.02	.02	.01	.01	.09	.04	.03	.07	.09	.10	.06	.035	24	.14
31*	.06	.04	.03	.03	.03	.04	.05	.05	.04	.03	.03	.02	.04	.07	.02	.05	.02	.03	.03	.06	.03	.02	.04	.19	.042	24	.21
MEAN	.07	.07	.08	.08	.09	.09	.09	.09	.07	.09	.08	.06	.06	.06	.06	.06	.06	.07	.06	.06	.07	.06	.07	.07	.071		
NO	27	28	28	28	28	28	28	25	26	25	24	25	27	25	25	28	30	30	29	29	29	29	29	29		659	
MAX	.33	.33	.26	.26	.26	.31	.33	.34	.23	.29	.32	.21	.18	.18	.24	.22	.22	.29	.28	.35	.32	.25	.26	.29	.189		.57

* Indicates Saturday or Sunday
Local standard time used

TABULATED THU., MAY 4, 1967

CONTINUOUS AIR MONITORING PROGRAM

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

Air Quality Section, Laboratory
Division of Air Pollution, Public
U. S. Department of Health, Education and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

PHILADELPHIA, PA.

CONCENTRATION IN PPM

CONDUCTOMETRIC ANALYSIS

SULFUR DIOXIDE
AUG. 1966

DAY OF MONTH	AM 12	AM 1	AM 2	AM 3	AM 4	AM 5	AM 6	AM 7	AM 8	AM 9	AM 10	AM 11	PM 12	PM 1	PM 2	PM 3	PM 4	PM 5	PM 6	PM 7	PM 8	PM 9	PM 10	PM 11	DAILY MEAN	NO. OF HRS	5-MIN MAX
1	.11	.06	.05	.02	.04	.03	.04	.04	.04	.03	.04	.03	.02	.03	.04	.14	.13	.12	.16	.12	.24	.19	.29	.19	.091	24	.39
2	.18	.19	.22	.14	.14	.09	.09	.25	.23	.17		.05	.14	.16	.18	.14	.09	.28	.25	.09	.03	.02	.02	.02	.138	23	.46
3	.02	.01	.02	.02	.01	.02	.02	.02	.02	.02	.03	.02	.02	.02	.02	.03	.01	.01	.01	.00	.01	.03	.06	.12	.023	24	.14
4	.08	.07	.19	.25	.15	.10	.10	.14					.06	.06	.04	.06	.08	.06	.06	.04	.04	.03	.03	.07	.084	20	.36
5	.05	.03	.11	.09	.08	.07	.08	.08	.10	.10	.07	.05	.06	.06	.05	.06	.07	.06	.06	.06	.08	.07	.09	.08	.071	24	.13
6*	.07	.08	.06	.08	.10	.10	.09	.13	.09	.06	.07	.22	.32	.15	.16	.13	.08	.11	.08	.08	.03	.04	.03	.06	.099	24	.44
7*	.28	.30	.27	.30	.21	.18	.22	.22	.29	.24	.11	.05	.05	.04	.03	.04	.06	.06	.05	.02	.01	.02	.02	.02	.127	24	.36
8	.09	.10	.04	.03	.04	.03	.04	.05	.05	.05	.07	.21	.23	.21	.26	.22	.14	.12	.08	.10	.06	.06	.07	.06	.099	24	.33
9	.05	.07	.05	.07	.06	.06	.07	.10		.06	.08	.06	.04	.05	.04	.03	.04	.05	.02	.02	.04	.06	.04	.04	.051	23	.12
10	.06	.06	.05	.04	.03	.05	.05	.08	.08	.07	.05	.03	.07	.11	.08	.08	.09	.10	.04	.04	.01	.02	.05	.12	.060	24	.19
11	.16	.12	.11	.12	.12	.07	.06	.14	.15	.20	.14	.09	.13	.12	.08	.05	.24	.05	.05	.27	.26	.26	.26	.26	.146	24	.56
12	.10	.15	.14	.08	.03	.02	.02	.02	.03	.02	.02	.03	.03	.02	.02	.03	.03	.02	.02	.02	.02	.02	.02	.02	.038	24	.29
13*	.04	.03	.02	.02	.01	.02	.02	.01	.01	.01	.01	.01	.02	.02	.01	.01	.02	.01	.01	.01	.01	.01	.02	.02	.016	24	.09
14*	.02	.02	.02	.03	.03	.06	.07	.06	.05	.04	.02	.02	.02	.01	.01	.04		.05	.13	.18	.05	.05	.04	.04	.044	23	.22
15	.03	.03	.04	.04	.05	.11	.14	.11	.14	.15	.10	.07	.04	.04	.04	.06	.08	.10	.06	.08	.08	.09	.06	.06	.074	24	.18
16	.10	.10	.13	.09	.07	.15	.19	.07	.10	.12	.08	.04	.03	.02			.01	.01	.02	.02	.02	.03	.02	.02	.065	22	.24
17	.03	.02	.02	.02	.02	.03	.03	.03	.03	.04	.03	.03	.03	.03	.01	.05	.02	.02	.03	.03	.04	.03	.04	.05	.030	24	.08
18	.05	.06	.08	.17	.11	.09	.09	.13	.11	.08	.06	.06	.14	.06	.04	.04	.03	.03	.04	.03	.08	.16	.20	.21	.089	24	.28
19	.23	.30	.16	.08	.06	.07	.10	.09	.07	.07	.09	.08	.18	.06	.05	.06	.05	.04	.04	.06	.07	.19	.08	.07	.096	24	.36
20*	.05	.04	.03	.03	.03	.03	.03	.03	.04	.06	.15	.17	.10	.15	.11	.07	.06	.05	.04	.03	.06	.04	.04	.06	.062	24	.22
21*	.05	.05	.06	.06	.05	.10	.12	.13	.31	.08	.04	.07	.06	.06	.07	.05	.05	.05	.07	.09	.13	.11	.08	.06	.083	24	.40
22	.04	.04	.03	.04	.07	.12	.16	.29		.21	.25	.27	.23	.15	.10	.08	.07	.05	.05	.08	.04	.06	.04	.05	.106	23	.40
23	.04	.04	.04	.05	.09	.18	.25	.18	.15	.06	.05	.05					.03	.03	.03	.03	.04	.05	.04	.04	.073	20	.34
24	.07	.05	.05	.05	.04	.07	.07	.05	.07	.07	.06	.04			.02	.02	.02	.02	.02	.04	.03	.03	.02	.03	.043	22	.09
25	.04	.04	.04	.03	.03	.06	.11	.12	.06	.02	.01	.03	.03	.02	.02	.02	.02	.02	.02	.02	.04	.10	.12	.11	.047	24	.13
26	.05	.03	.03	.02	.04	.04	.05	.04	.04	.04	.05	.03	.02	.02	.02	.01	.01	.01	.01	.08	.03	.03	.04	.03	.030	24	.09
27*	.03	.02	.03	.06	.07	.06	.05	.04	.03	.01	.01	.01	.02	.02	.02	.01	.03	.02	.02	.02	.03	.02	.02	.02	.027	24	.08
28*	.04	.07	.07	.05	.03	.03	.04	.03	.04	.04	.03	.03	.02	.02	.01	.01	.02	.01	.01	.01	.01	.02	.05	.06	.030	24	.09
29	.05	.05	.14	.07	.08	.10	.12	.14	.13	.27	.07	.09	.06	.05	.06	.04	.02	.02	.02	.02	.08	.09	.04	.16	.081	24	.46
30	.18	.43	.66	.50	.23	.28	.24	.36	.48			.22	.10	.12	.08	.13	.08	.06	.02	.01	.01	.09	.34	.45	.230	22	.75
31	.47	.35	.26	.43	.32	.17	.13	.09	.07	.07	.10	.06	.04	.04	.09	.08	.02	.01	.01	.02	.07	.03	.06	.04	.126	24	.68
MEAN	.09	.10	.10	.10	.08	.08	.09	.10	.11	.08	.07	.07	.08	.07	.06	.06	.06	.05	.05	.08	.06	.07	.07	.08	.076		
NO.	31	31	31	31	31	31	31	31	28	29	28	30	29	29	29	29	30	31	31	31	31	31	31	31		726	
MAX	.47	.43	.66	.50	.32	.28	.25	.36	.48	.27	.25	.27	.32	.21	.26	.22	.24	.28	.25	.29	.26	.26	.34	.45	.230		.75

* Inc[illegible]
Local st[illegible] not [illegible] used

TABULATED THU., MAY 4, 1967

C. 51

CONTINUOUS AIR MONITORING PROGRAM

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

Air Quality Section, Laboratory [illegible]
Division of Air Pollution, Public [illegible]
U. S. Department of Health, [illegible]

Robert A. Taft [illegible]
Cincinnati, [illegible]

PHILADELPHIA, PA.

SULFUR DIOXIDE
SEPT. 1966

CONCENTRATION IN PPM

CONDUCTOMETRIC ANALYSIS

DAY OF MONTH	AM 12-1	AM 1-2	AM 2-3	AM 3-4	AM 4-5	AM 5-6	AM 6-7	AM 7-8	AM 8-9	AM 9-10	AM 10-11	AM 11-12	PM 12-1	PM 1-2	PM 2-3	PM 3-4	PM 4-5	PM 5-6	PM 6-7	PM 7-8	PM 8-9	PM 9-10	PM 10-11	PM 11-12	DAILY MEAN	NO. OF HRS	5 MIN MAX
1																											
2																											
3*		.04	.02	.05	.04	.05	.10	.14					.04	.03	.04	.03	.05	.02							.049	13	.20
4*																											
5																											
6		.03	.02	.02	.03	.04	.04	.03	.03	.04	.05	.05				.03	.04	.04	.03	.03	.04	.06	.04	.04	.035	20	.07
7	.04	.05	.04	.10	.07	.05	.07	.07	.04	.03	.04	.03	.01	.01		.03	.03	.02	.03	.03	.03	.03	.04	.04	.040	23	.11
8	.03	.03	.03	.03	.03	.04	.04	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.05	.05	.09	.07	.05	.06	.09	.041	24	.15
9	.12	.09	.07	.06	.07	.07	.07	.06	.06	.05	.04	.04	.04	.04	.04	.04	.04	.03	.04	.05	.06	.06	.05	.07	.055	24	.14
10*	.09	.06	.04	.04	.08	.06	.05	.07	.05	.04	.03	.04	.04		.06	.04	.04	.04	.04	.06	.04	.05	.05	.06	.050	23	.11
11*	.07	.06	.06	.05	.07	.06	.05	.04	.05	.04	.04	.04	.04	.04	.04	.05	.05	.04	.05	.05	.05	.05	.04	.05	.048	24	.08
12	.04	.06	.11	.15	.13	.13	.16	.22	.10	.06	.08	.05	.03	.03	.05	.04	.06	.04	.03	.06	.02	.06	.06	.06	.073	24	.27
13	.05	.03	.02	.02	.03	.02	.03	.04	.04		.01	.01	.02	.02	.02	.02	.02	.01	.02	.03	.02	.03	.02	.03	.026	23	.05
14	.06	.05	.04	.04	.06	.05	.14	.06	.03	.03	.03	.04	.11	.12	.05	.06	.02	.03	.01	.01	.02	.02	.01	.00	.045	24	.19
15	.00	.00	.00	.00	.00	.00	.00	.01	.05	.02	.00	.01	.01	.01	.02	.01	.01	.01	.01	.01	.01	.01	.01	.01	.009	24	.07
16	.01	.01	.01	.02	.01	.02	.05	.03			.01	.01	.01	.01	.01	.07	.05	.04	.03	.06	.05	.05	.08	.08	.031	22	.09
17*	.09	.10	.14	.15	.14	.14	.10	.13	.11	.05	.03	.02	.02	.02	.02	.02	.02	.02	.04	.06	.08	.09	.08	.11	.072	24	.18
18*	.13	.16	.12	.07	.06	.09	.09	.12	.14	.25	.33	.34	.18	.13	.08	.06	.05	.04	.05	.05	.05	.11	.13	.15	.122	24	.42
19	.14	.11	.10	.10	.11	.13	.14	.14	.17	.23							.05	.04	.02	.06	.02	.04	.03	.03	.091	18	.31
20	.07	.08	.04	.03	.04	.13	.15	.10	.07	.16	.20	.21	.08	.06	.05	.06	.06	.09	.15	.11	.04	.02	.03	.02	.085	24	.25
21	.02	.02	.02	.02	.02	.02	.03	.04	.04	.03	.04	.05	.07	.09	.08	.04	.03	.04	.04	.03	.05	.04	.06	.08	.041	24	.11
22	.03	.01	.01	.01	.02	.01	.02	.01	.02	.10	.05	.12	.16	.09	.05	.02	.03	.02	.03	.08	.04	.01	.01	.01	.038	24	.21
23	.02	.02	.01	.01	.02	.03	.03	.03	.05	.04	.01	.06	.05	.06	.04	.04	.02	.02	.03	.06	.07	.06	.04	.03	.034	24	.08
24*	.03	.02	.02	.02	.02	.02	.02	.02	.03	.02	.02	.02	.01	.02	.02	.02	.02	.02	.02	.02	.03	.03	.03	.03	.022	24	.05
25*	.04	.26	.20	.07	.04	.03	.03	.04	.05	.04	.04	.03	.03	.03	.02	.02	.02	.02	.02	.04	.03	.02	.03	.04	.049	24	.39
26	.04	.07	.09	.08	.08	.10	.11	.10	.05	.06	.04	.03	.02	.03	.05	.04	.03	.03	.12	.37	.09	.05	.09	.08	.075	24	.48
27	.06	.07	.07	.08	.15	.17	.29	.27	.50	.25	.18	.16	.14			.08	.11	.10	.10	.09	.07	.07	.07	.04	.141	22	.59
28	.05	.06	.07	.10	.06	.05	.07	.12	.15	.17	.20	.18	.23	.16	.10	.11	.11	.12	.08	.08	.08	.08	.04	.04	.104	24	.28
29	.03	.03	.05	.07	.11	.14	.15	.20	.22	.17	.08	.09	.08	.03	.02	.05	.03	.08	.14	.10	.21	.43	.49	.25	.135	24	.56
30	.37	.27	.14	.09	.08	.14	.16	.12	.08	.03	.03	.03	.03	.03	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.074	24	.41
MEAN	.07	.07	.06	.06	.06	.07	.08	.09	.09	.08	.07	.07	.06	.05	.04	.04	.04	.04	.05	.06	.05	.06	.06	.06	.061		
NO.	24	26	26	26	26	26	26	26	24	23	24	24	24	22	22	25	26	26	25	25	25	25	25	25		596	
MAX	.37	.27	.20	.15	.15	.17	.29	.27	.50	.25	.33	.34	.23	.16	.10	.11	.11	.12	.15	.37	.21	.43	.49	.25	.141		.59

* Industries Saturday or Sunday
Local standard time used

TABULATED: THU., MAY 4, 1967

CONTINUOUS AIR MONITORING PROGRAM

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

Air Quality Section, Laboratory
Division of Air Pollution, Public
U. S. Department of Health, Ed

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

PHILADELPHIA, PA.

SULFUR DIOXIDE
OCT. 1966

CONCENTRATION IN PPM

CONDUCTOMETRIC ANALYSIS

DAY OF MONTH	AM 12-1	AM 1-2	AM 2-3	AM 3-4	AM 4-5	AM 5-6	AM 6-7	AM 7-8	AM 8-9	AM 9-10	AM 10-11	AM 11-12	PM 12-1	PM 1-2	PM 2-3	PM 3-4	PM 4-5	PM 5-6	PM 6-7	PM 7-8	PM 8-9	PM 9-10	PM 10-11	PM 11-12	DAILY MEAN	NO. OF HRS	5 MIN MAX
1*	.02	.03	.02	.02	.01	.01	.01	.01	.01	.01	.01	.01	.01	.02	.02	.02	.02	.02	.03	.03	.02	.02	.03	.05	.019	24	.05
2*	.04	.05	.04	.05	.13	.19	.17	.17	.08	.07	.08	.06	.05	.05	.05	.04	.03	.05	.06	.08	.08	.08	.11	.11	.079	24	.20
3	.09	.10	.11	.10	.11	.11	.17	.23	.31	.42	.20	.15	.10	.04	.03	.03	.03	.03	.04	.04	.05	.15	.15	.05	.116	24	.46
4	.08	.06	.08	.07	.06	.06	.09	.12	.09	.09	.18	.04	.08		.06	.03	.03	.18	.13	.28	.47	.44	.66	.91	.160	23	.79
5	.31	.26	.18	.09	.09	.08	.08	.10	.11	.13	.24	.20	.15	.15	.05	.05	.05	.04	.07	.07	.07	.09	.10	.11	.119	24	.60
6	.12	.11	.10	.05	.06	.04	.04	.04	.03	.03	.03	.03		.02	.02	.02	.02	.03	.06	.08	.06	.07	.08	.09	.051	23	.13
7	.09	.06	.05	.05	.05	.09	.11			.07	.04	.04		.03	.03	.14	.07	.20	.14	.16	.15	.13	.13	.14	.091	21	.23
8*	.18	.25	.22	.22	.26	.20	.16	.16	.14	.16	.23	.17	.19	.15	.14	.16	.14	.15	.14	.18	.18	.16	.27	.22	.183	24	.38
9*	.20	.24	.16	.09	.13	.21	.09	.12	.18	.14	.43	.46	.16	.13	.12	.09									.182	16	.54
10												.23	.06	.05	.03	.02	.02	.03	.04	.06	.03	.04	.06	.06	.054	15	.32
11	.03	.04	.04	.05	.10	.10	.21	.31	.41	.42	.22			.03	.04	.01	.02	.02	.03	.03	.03	.03	.02	.02	.100	22	.58
12	.02	.02	.02	.02	.03	.02	.03	.04	.03	.02	.02	.02	.01	.01	.02	.02	.02	.01	.02	.03	.03	.04	.03	.07	.024	24	.11
13	.09	.07	.06	.05	.07	.12	.17	.18	.27	.34	.24	.13	.16	.11	.12	.11	.09	.06	.13	.08	.04	.07	.09	.09	.120	24	.42
14	.07	.08	.09	.09	.07	.13	.14	.17	.16	.16	.17	.11		.07	.07	.08	.06	.05	.04	.06	.07	.06	.07	.09	.093	23	.20
15*	.09	.06	.09	.15	.12	.13	.12	.13	.16	.14	.11	.10	.06	.05	.04	.04	.04	.08	.13	.16	.13	.08	.04	.06	.094	24	.19
16*	.07	.05	.06	.05	.04	.03	.14	.28	.26	.10	.04	.03	.03	.04	.05										.084	15	.36
17										.04	.05	.04	.03	.03	.03	.04	.04	.05	.05	.05	.05	.06	.07	.07	.046	15	.09
18	.06	.05	.06	.09	.08	.08	.08	.11	.08	.05			.21	.13	.20	.18	.11	.09	.13	.10	.14	.15	.13	.08	.108	22	.34
19	.12	.06	.05	.05	.05	.06	.10	.14	.18	.20	.17	.20	.16	.19	.12	.06	.09	.07	.06	.06	.06	.08	.05	.07	.101	24	.25
20	.05	.05	.07	.05	.05	.04	.04	.02	.02	.02	.03	.03	.03		.04	.02	.03	.05	.05	.05	.05	.05	.05	.06	.041	23	.09
21	.05	.04	.05	.06	.10	.13	.12	.10	.08	.08	.06	.04			.29	.24	.11	.10	.10	.19	.26	.28	.21	.26	.133	22	.35
22*	.16	.20	.24	.25	.22	.24	.25	.33	.37	.34	.18	.22	.18	.15	.10	.08	.07	.06	.07	.08	.11	.09	.26	.28	.188	24	.41
23*	.31	.24	.36	.36	.17	.17	.17	.20	.42	.36						.03	.05	.11	.12	.09	.11	.09	.08	.13	.188	19	.46
24	.13	.12	.18	.17	.10	.08	.08	.09	.07	.06	.05	.04	.04	.04	.04	.04	.05	.10	.08	.09	.13	.17	.13	.12	.091	24	.25
25	.08	.08	.09	.08	.08	.09	.11	.14	.12	.19	.22	.19	.25				.19	.11	.16	.15	.14	.13	.12	.12	.133	21	.30
26	.14	.15	.13	.13	.16	.18	.17	.16	.09	.08	.10	.17	.10	.07	.07	.05	.05	.06	.06	.09	.07	.09	.14	.13	.108	24	.23
27	.11	.11	.12	.12	.13	.13	.14	.15	.15	.11	.07					.20	.11	.12	.14	.13	.13	.10	.09	.10	.125	20	.26
28	.11	.13	.15	.31	.29	.30	.21	.28	.25	.25	.13	.09	.06	.05		.02	.03	.04	.06	.10	.12	.10	.11	.13	.144	23	.38
29*	.13	.12	.10	.10	.11	.10	.15	.15	.13	.09	.04	.06	.06	.05	.04	.04	.03	.03	.03	.03	.04	.03	.03	.02	.070	24	.19
30*	.03	.04	.04	.03	.03	.03	.03	.03	.02	.03	.03	.02	.03	.03	.03	.03	.03	.05	.06	.06	.07	.06	.06	.09	.040	24	.11
31	.10	.12	.14	.15	.10	.09	.12	.13	.12	.08	.04	.04	.02	.03	.03	.03	.03	.04	.03	.03	.04	.04	.04	.05	.068	24	.18
MEAN	.11	.10	.11	.11	.10	.11	.12	.14	.15	.14	.12	.11	.09	.07	.07	.07	.06	.07	.08	.08	.10	.10	.12	.11	.102		
NO.	29	29	29	29	29	29	29	28	28	30	28	27	24	25	27	29	29	29	29	29	29	29	29	29		681	
MAX	.31	.26	.36	.36	.29	.30	.25	.33	.42	.42	.43	.46	.25	.19	.29	.24	.19	.20	.16	.28	.47	.44	.66	.91	.188		.79

* Indicates [illegible]
Local standard time used

TABULATED THU., MAY 4, 1967

C-53

CONTINUOUS AIR MONITORING PROGRAM

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

Air Quality Section, Laboratory [illegible]
Division of Air Pollution, Public [illegible]
U. S. Department of Health, Edu[illegible]

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

PHILADELPHIA, PA.

SULFUR DIOXIDE
NOV. 1966

CONCENTRATION IN PPM

CONDUCTOMETRIC ANALYSIS

DAY OF MONTH	AM 12 1	AM 1 2	AM 2 3	AM 3 4	AM 4 5	AM 5 6	AM 6 7	AM 7 8	AM 8 9	AM 9 10	AM 10 11	AM 11 12	PM 12 1	PM 1 2	PM 2 3	PM 3 4	PM 4 5	PM 5 6	PM 6 7	PM 7 8	PM 8 9	PM 9 10	PM 10 11	PM 11 12	DAILY MEAN	NO OF HRS	5 MIN MAX
1	.05	.06	.07	.09	.08	.09	.09	.13	.11	.08	.05	.03	.02			.01	.02	.03	.04	.06	.06	.04	.06	.04	.060	22	.15
2	.03	.03	.03	.06	.02	.03	.07	.07	.06	.07	.05	.04	.05	.03	.01	.04	.05	.04	.02	.02	.02	.02	.02	.06	.039	24	.09
3	.04	.01	.02	.18	.05	.13	.28	.18	.11	.14	.08	.05	.03	.03	.03	.03	.02	.03	.03	.03	.02	.03	.02	.02	.066	24	.41
4	.02	.03	.02	.03	.03	.03	.03	.03	.04	.03	.04	.03	.03	.03	.04	.03	.02	.03	.04	.04	.05	.09	.25	.16	.048	24	.38
5*	.22	.25	.22	.19	.12	.21	.25	.27	.40	.26	.53	.41	.06	.03	.02	.03	.04	.02	.02	.02	.04	.04	.08	.16	.162	24	.65
6*	.26	.32	.13	.04	.02	.02	.02	.01	.02	.01	.01	.01	.01	.01	.01	.02	.02	.02	.03	.03	.02	.03	.04	.04	.048	24	.43
7	.05	.07	.07	.08	.11	.15	.19	.18	.25	.27	.16	.16	.16	.14	.07	.08	.07	.10	.05	.03	.03	.03	.03	.03	.106	24	.32
8	.05	.08	.14	.13	.08	.10	.16	.14	.11	.19	.20			.05	.02	.02	.03	.04	.03	.11	.14	.23	.31	.25	.117	22	.38
9	.18	.15	.15	.10	.22	.22	.20	.18	.21				.07	.14	.13	.12	.08	.03	.02	.03	.02	.02	.02	.03	.110	21	.35
10	.04	.18	.15	.15	.03	.02	.04	.08	.03	.06	.12	.02	.01	.00	.01	.01	.01	.00	.00	.00	.00	.00	.00	.00	.038	24	.22
11	.13	.01	.00	.03	.01	.02	.04	.02	.02	.02		.02	.02	.03	.05	.10	.10	.09	.07	.08	.06	.08	.08	.09	.050	23	.23
12*	.13	.11	.11	.10	.10	.14	.15	.12	.08	.08	.10	.11	.08	.07	.04	.04	.04	.04	.05	.07	.05	.04	.04	.04	.080	24	.17
13*	.04	.04	.05	.06	.07	.05	.03	.04	.04	.03	.03	.03	.03	.02	.02	.02	.04	.05	.07	.09	.09	.07	.05	.04	.045	24	.10
14	.04	.05	.05	.07	.07	.08	.08	.11	.15	.25	.33	.16	.10	.08	.09	.07	.11	.11	.07	.09	.10	.10	.10	.12	.106	24	.42
15	.19	.11	.07	.08	.09	.09	.12	.11	.09	.06	.04			.03	.03	.03	.03	.04	.05	.03	.06	.06	.05	.05	.069	22	.22
16	.05	.04	.06	.10	.20	.21	.25	.29	.33	.31	.22	.20	.14	.15	.16	.11	.11	.09	.07	.08	.16	.34	.38	.25	.178	24	.48
17	.30	.26	.32	.14	.11	.16	.21	.27	.52	.46	.35	.27	.24	.31	.23	.19	.18	.14	.18	.38	.23	.24	.38	.24	.261	24	.60
18	.22	.17	.16	.16	.20	.23	.25	.24	.32	.30	.29	.32	.31	.39		.35	.26	.41	.26	.23	.18	.24	.15	.11	.249	23	.60
19*	.07	.05	.03	.02	.02	.02	.02	.04	.03	.02	.02	.02	.03	.02	.02	.02	.02	.03	.03	.03	.03	.03	.03	.04	.027	24	.08
20*	.03	.04	.04	.05	.05	.05	.04	.04	.03	.03	.05	.03	.02	.02	.02	.02	.03	.03	.08	.12	.11	.11	.16	.25	.059	24	.29
21	.18	.22	.24	.25	.22	.20	.23	.24	.30	.19	.15	.10	.07	.08	.15	.13	.10	.06	.06	.12	.16	.13	.17	.22	.164	24	.34
22	.25	.25	.28	.31	.33	.33	.37	.38	.40	.41	.52				.16	.16	.15	.16	.18	.21	.23	.23	.17	.18	.269	21	.59
23	.33	.32	.29	.33	.40	.32	.35	.51	.36	.39	.31	.33	.22	.21	.20	.14	.13	.22	.23	.28	.20	.12	.17	.12	.268	24	.57
24	.10	.10	.13	.20	.19	.15	.15	.14	.16	.16	.25	.12	.06	.07	.06	.05	.05	.12	.08	.07	.08	.09	.11	.12	.117	24	.29
25	.11	.12	.13	.13	.13	.13	.16	.21	.33	.64	.51	.56	.35	.27	.30	.21	.20	.09	.23	.21	.14	.12	.11	.14	.230	24	.78
26*	.20	.12	.11	.07	.05	.04	.05	.10	.07	.06	.05	.03	.03	.02	.02	.02	.04	.04	.06	.07	.08	.09	.08	.06	.064	24	.23
27*	.06	.05	.06	.07	.07	.08	.10	.10	.12	.27	.36	.33	.16	.10	.17	.17	.17	.13	.06	.08	.03	.04	.03	.03	.116	24	.39
28	.06	.04	.03	.03	.07	.10	.03	.03				.04	.04	.04	.17	.26	.20	.09	.06	.06	.05	.09	.26	.27	.094	21	.44
29																											
30																											
MEAN	.12	.12	.11	.12	.11	.12	.14	.15	.17	.18	.19	.14	.09	.09	.09	.09	.08	.08	.08	.09	.09	.10	.12	.11	.115		
NO.	28	28	28	28	28	28	28	28	27	26	25	24	25	26	26	28	28	28	28	28	28	28	28	28		695	
MAX	.33	.32	.32	.33	.40	.33	.37	.51	.52	.64	.53	.56	.35	.39	.30	.35	.26	.41	.26	.38	.23	.34	.38	.27	.269		.78

* [illegible] Saving Time in Use
Local Standard Time used

TABULATED THU., MAY 4, 1967

CONTINUOUS AIR MONITORING PROGRAM

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

Air Quality Section, Laboratory [illegible]
Division of Air Pollution, Public [illegible]
U. S. Department of Health, Ed[illegible]

PHILADELPHIA, PA.

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

CONCENTRATION IN PPM

CONDUCTOMETRIC ANALYSIS

SULFUR DIOXIDE
DEC. 1966

DAY OF MONTH	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	PM 12-1	PM 1-2	PM 2-3	PM 3-4	PM 4-5	PM 5-6	PM 6-7	PM 7-8	PM 8-9	PM 9-10	PM 10-11	PM 11-12	DAILY MEAN	NO. OF HRS	5 MIN. MAX
1		.12	.08	.10	.11	.14	.15	.15	.09	.05	.05	.05	.06	.22	.25	.17	.24	.22	.24	.37	.45	.27	.36	.34	.186	23	.55
2	.32	.39	.28	.32	.41	.15	[illegible]	.08	.07				.05	.03	.03	.05	.07	.07	.07	.06	.08	.09	.09	.07	.137	21	.50
3*	.08	.07	.09	.08	.10	.07	.10	.10	.10	.06	.06	.06	.04	.05	.05	.06	.05	.05	.05	.05	.04	.05	.05	.05	.064	24	.13
4*	.05	.07	.08	.08	.08	.08	.08	.09	.11	.09	.08	.08	.07	.06	.06	.07	.05	.04	.08	.08	.10	.14	.11	.11	.080	24	.14
5	.13	.18	.16	.12	.16	.13	.17	.20	.29	.23	.18	.15	.07	.05	.06	.06	.07	.06	.08	.08	.08	.10	.11	.19	.130	24	.31
6	.15	.12	.10	.08	.07	.08	.12	.12	.14	.08	.09				.20	.17	.09	.11	.14	.12	.24	.37	.24	.22	.145	21	.41
7	.16	.15	.16	.11	.09	.12	.16	.16	.13	.11	.08	.08	.05	.05	.05	.05	.06	.06	.06	.07	.07	.06	.06	.05	.090	24	.19
8	.05	.17	.17	.13	.19	.21	.23	.20	.34								.20	.23	.11	.08	.07	.13	.19	.23	.171	17	.37
9	.16	.12	.17	.14	.13	.19	.16	.28	.29	.18	.39	.37	.28	.19	.20	.16	.13	.14	.25	.22	.17	.16	.18	.18	.201	24	.53
10*	.17	.12	.11	.14	.12	.16	.06	.06	.06	.04	.13	.18	.04	.03	.03	.03	.04	.04	.03	.03	.03	.03	.02	.02	.071	24	.24
11*	.02	.02	.03	.04	.05	.04	.04	.05	.04	.05	.04	.03	.03	.03	.03	.03	.03	.03	.03	.04	.03	.04	.03	.03	.033	24	.06
12	.03	.03	.04	.04	.03	.04	.05	.05	.05	.05	.04	.04		.02	.01	.02	.02	.02	.04	.03	.04	.03	.02	.02	.033	23	.07
13	.06	.05	.06	.09	.13	.14	.15	.17	.14	.14	.16		.20	.21	.22	.20	.16	.13	.10	.09	.06	.05	.04	.03	.121	23	.23
14	.03	.03	.04	.05	.04	.04	.04	.05	.07	.07	.06	.05	.07	.06	.04	.04	.06	.05	.06	.06	.06	.06	.06	.07	.051	24	.08
15	.07	.06	.08	.09	.07	.06	.07	.07	.09	.07	.05	.05	.04	.05	.05	.05	.06	.04	.05	.06	.07	.08	.05	.10	.063	24	.13
16	.14	.16	.14	.18	.30	.33	.28	.31	.27	.19	.37	.28	.17	.17				.13	.26	.26	.55	.67	.30	.22	.267	21	.75
17*	.23	.15	.15	.22	.25	.21	.27	.38	.42	.53	.53	.52	.72	.37	.24	.32	.26	.43	.51	.60	.48	.16	.16	.21	.346	24	.87
18*	.33	.49	.56	.32	.46	.22	.24	.19	.17	.23	.46	.34	.36	.17	.05	.05	.07	.15	.23	.16	.13	.08	.06	.05	.231	24	.72
19	.06	.06	.05	.05	.05	.05	.05	.05	.05	.04	.04	.04	.04	.03	.03	.04	.04	.05	.05	.08	.05	.05	.05	.06	.046	24	.07
20	.11	.15	.17	.19	.15	.16	.20	.20	.22	.16	.16			.14	.17	.18	.18	.13	.10	.09	.05	.05	.07	.07	.140	22	.27
21	.06	.07	.06	.05	.05	.05	.05	.05	.05	.08	.08	.07	.07	.08	.09	.09	.08	.09	.11	.08	.09	.10	.13	.10	.075	24	.14
22	.10	.08	.09	.14	.13	.12	.12	.16	.13									.09	.11	.11	.10	.09	.11	.10	.111	16	.19
23	.12	.16	.10	.11	.09	.09	.12	.17	.19	.10	.09	.08	.07	.06	.05	.06	.09	.10	.07	.13	.14	.07	.07	.07	.099	24	.25
24*	.07	.06	.06	.05	.06	.08	.08	.06	.07	.07	.10	.12	.09	.06	.07	.06	.06	.09	.05	.06	.06	.05	.04	.04	.065	24	.13
25*	.05	.06	.07	.07	.07	.07	.07	.08	.07	.07	.07	.06	.05	.05	.06	.07	.06	.07	.06	.07	.06	.07	.07	.07	.065	24	.10
26	.08	.08	.07	.07	.08	.09	.11	.08	.09	.13	.10	.08	.07		.02	.02	.03	.03	.03	.05	.03	.04	.04	.03	.062	23	.14
27	.04	.03	.03	.05	.04	.04	.04	.06	.07	.04	.04				.03	.04	.04	.05	.05	.05	.07	.06	.06	.05	.046	21	.17
28	.08	.08	.06	.11	.08	.09	.20	.17	.25	.23	.21	.15	.21	.17	.09	.07	.10	.06	.09	.06	.06	.07	.07	.06	.117	24	.28
29	.07	.13	.20	.07	.04	.06	.05	.05	.05	.05	.05	.04	.03	.04	.04	.04	.04	.05	.05	.08	.05	.04	.04	.05	.057	24	.23
30	.05	.05	.06	.04	.05	.05	.06	.06	.06	.05								.05	.04	.04	.04	.04	.04	.03	.046	17	.08
31*	.03	.03	.03	.04	.05	.05	.06	.06	.07	.05	.03	.06	.10	.16	.13	.12	.16	.10	.05	.06	.05	.07	.08	.08	.070	24	.21
MEAN	.10	.11	.11	.11	.12	.11	.12	.13	.14	.11	.14	.13	.12	.10	.09	.08	.09	.09	.10	.11	.12	.11	.10	.10	.110		
NO.	30	31	31	31	31	31	31	31	31	28	27	23	24	25	27	27	28	31	31	31	31	31	31	31		704	
MAX	.33	.49	.56	.32	.46	.33	.28	.38	.42	.53	.53	.52	.72	.37	.25	.32	.26	.43	.51	.60	.55	.67	.36	.34	.346		.87

* Indicates [illegible]
Local [illegible] used

TABULATED THU., MAY 4, 1967

0.55

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory [illegible]
Division of Air Pollution, Public [illegible]
U. S. Department of Health [illegible]

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONCENTRATION IN PPM

FLAME IONIZATION ANALYSIS

PHILADELPHIA, PA.

TOTAL HYDROCARBON
JAN. 1966

DAY OF MONTH	AM 12-1	AM 1-2	AM 2-3	AM 3-4	AM 4-5	AM 5-6	AM 6-7	AM 7-8	AM 8-9	AM 9-10	AM 10-11	AM 11-12	PM 12-1	PM 1-2	PM 2-3	PM 3-4	PM 4-5	PM 5-6	PM 6-7	PM 7-8	PM 8-9	PM 9-10	PM 10-11	PM 11-12	DAILY MEAN	NO. OF HRS	5 MIN MAX
1*	2.1	2.0	2.2	2.5	2.2	2.1	2.3	1.7	1.5	1.6	1.8	2.0	2.7	1.5	1.3	1.5	1.6	1.8	1.7	1.9	1.9	1.6	1.7	1.6	1.85	24	3.5
2*	1.7	1.6	1.5	1.4	1.3	1.2	1.2	1.4	1.3	1.5	1.7	1.4	1.4	1.4	1.4	1.6	1.7	1.6	1.4	1.4	1.5	1.5	1.4	1.4	1.44	24	1.9
3	1.4	1.3	1.3	1.3	1.3	1.5	1.9	2.2	3.2		2.9	2.6	2.7	2.6	2.3	2.0	2.2	2.4	2.0	2.0	1.8	1.9	1.8	1.8	2.00	23	3.8
4	1.8	1.6	1.7	1.6	1.5	1.5	1.7	2.1	2.4	2.2	1.9	1.8	1.6	1.8	2.0	2.1	2.6	2.8	3.2	3.0	2.9	3.6	3.7	2.5	2.22	24	4.4
5	3.3	3.7	3.0	3.1	2.6	4.0	3.5	4.1	4.8	4.8	4.5	4.4	4.3	2.9	3.0			4.7	3.1	2.8	3.0	2.5	2.2	2.9	3.49	22	5.9
6	2.6	2.6	2.5	2.4	2.1	2.0	2.0	2.5	2.4	2.5	2.1	2.7	3.0	2.5	2.4	2.6	2.1	2.6	2.3	1.9	1.8	2.0	2.1	2.1	2.31	24	3.6
7	2.0	1.9	1.8	1.7	1.5	1.6	1.9	2.5	2.8	2.4	2.1	2.0	2.0	2.2	2.3	2.2	2.7	2.9	2.7	2.8	2.6	2.8	2.7	2.7	2.26	24	3.3
8*	4.1	2.5	2.1	1.9	1.9	1.7	1.8	1.8	1.9	2.1	1.9	2.0	2.4	2.2	2.0	2.1	2.1	1.8	1.9	1.9	1.9	1.9	1.7	1.9	2.04	24	5.5
9*	1.7	1.7	1.9	1.5	1.6	1.5	1.5	1.5	1.6	1.5	1.6	1.6	1.6	1.6	1.6	1.6	1.6	2.0	1.7	1.7	1.8	1.8	2.3	2.2	1.69	24	2.8
10	1.9	2.7	2.1	1.7	1.6	2.6	3.6	2.7	3.2	3.2	2.9	2.3	2.2	2.2	2.4	2.4	2.8	3.6	4.1	2.8	2.4	3.0	2.8	2.1	2.63	24	4.5
11	1.7	1.6	1.6	1.7	1.7	1.7	1.8	2.0	2.1	2.1	2.0	2.0	1.9	2.0	2.1	2.1	2.2	2.3	1.9	1.7	1.7	1.7	1.7	1.7	1.87	24	2.9
12	1.7	1.5	1.4	1.6	1.4	1.5	1.6	1.8	1.9	1.9	1.7	1.8	2.0	1.8			2.0			2.0	1.8	1.7	1.7	1.6	1.71	20	2.1
13	1.5	1.6	1.5	1.5	1.6	1.8	2.1	2.5	2.6	2.7	3.1	2.7	2.1		2.1	1.9	2.0	2.4	2.1	1.9	1.8	2.3	2.2	1.9	2.07	23	3.2
14	1.7	1.6	1.6	1.8	1.8	1.8	2.1	2.0	1.9	2.0	1.8	1.9	1.8	1.8	1.8	2.2	2.2	2.5	2.5	2.3	2.4	2.8	2.9	2.8	2.07	24	3.0
15*		2.1	2.0	1.9	1.9	2.1				2.1	2.1	2.0	1.7	1.9	1.9			1.5	2.4	2.0	2.4	2.2	1.8	1.9	1.97	18	2.7
16*	1.7	1.8	1.9	1.7	1.6	1.8	1.7	1.6	1.6	1.8	1.6	1.8	1.8	2.0	1.9	2.1	2.0	1.9	1.8	1.6	1.6	1.6	1.6	1.8	1.75	24	2.4
17	1.5	1.7	1.7	1.7	1.8	1.9	1.9	2.2	2.3	2.2	1.9	1.9	2.4	2.4	2.2	2.2		2.4	2.1	1.9	1.9	1.8	1.7	1.7	1.97	23	2.7
18	1.8	1.6	1.6	1.5	1.6	1.5	1.7	2.0	2.1	1.9	1.8	2.0	1.9	1.9	2.1	2.1	2.2	2.4	2.1	2.0	1.9	1.8	1.8	1.8	1.86	24	2.8
19	1.7	1.6	1.7	1.7	1.6	1.5	1.7	2.0	2.2	2.2	3.1	3.1	3.1	3.2	5.8	2.8	2.8	2.4	2.0	1.9	1.7	1.7	1.7	1.6	2.25	24	8.2
20																											
21																											
22*	2.9	3.0	2.9	2.5	2.8	3.9	2.3	2.4	2.9	3.1	2.9	2.9	3.0	2.4	2.4	2.3	2.3	2.2	2.2	2.1	2.1	2.1	2.3	2.1	2.53	24	3.3
23*	2.2	1.9	2.4	2.3	2.0	2.0	2.0					1.7	1.8	1.7	1.8	1.8	1.7	1.9	1.9	1.8	1.8	1.7	1.7	1.8	1.87	20	2.7
24	1.9	1.6	1.7	1.6	1.5	1.5	1.6	1.9	2.0	2.1	2.1	1.9					1.9	2.1	1.8	1.7	1.7	1.7	1.7	1.7	1.77	20	2.9
25	1.6	1.5	1.5	1.5	1.5	1.6	1.6	2.0	2.1	2.0	1.9	2.0	1.8	1.9	1.8	1.9	2.3	2.5	2.3	2.0	1.9	1.9	1.8	1.8	1.85	24	2.7
26	1.8	1.6	1.6	1.7	1.6	1.6	1.7	2.0	2.3	2.4	2.2	2.7															
27	1.9	1.7	1.6	1.7	1.6	1.5	1.6	1.6	1.7	1.6	1.6	1.6	1.8	1.7	1.7	1.8	1.9	2.0	2.0	2.8	2.3	2.1	2.0	2.0	1.98	17	4.0
28	1.8	1.7	1.7	1.8	1.7	1.7	1.7	1.8	2.0	2.0	2.1	2.4	2.3	2.3	2.8	3.3	3.6	3.7	3.3	1.9	1.9	1.9	1.9	1.8	1.74	24	2.0
29*	2.8	2.6	2.7	2.9	2.4	2.1	2.1	2.2	2.2	2.2	2.0	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	2.0	3.0	2.8	2.8	2.9	2.41	24	3.8
30*	2.3	2.4	2.7	2.9	2.7	2.4	2.2	2.1	2.4	2.6	2.7	2.7	2.6	3.0	3.1	3.0	2.7	2.6	2.6	2.6	2.5	2.5	2.5	2.9	2.58	24	3.1
31	2.6	2.6	2.6	2.6	2.5	2.5	2.5	2.6	2.6	2.8	3.4	3.3	3.4	3.3	2.9	3.0	2.6	2.5	2.3	2.2	2.0	1.9	1.9	1.8	2.59	24	3.5
MEAN	2.1	2.0	2.0	1.9	1.8	1.9	2.0	2.1	2.3	2.3	2.3	2.2	2.3	2.1	2.3	2.2	2.2	2.4	2.3	2.1	2.1	2.1	2.1	2.0	2.11		
NO.	28	29	29	29	29	29	28	27	27	27	28	29	27	26	26	24	25	27	27	29	29	29	29	29		666	
MAX	4.1	3.7	3.0	3.1	2.8	4.0	3.6	4.1	4.8	4.8	4.5	4.4	4.3	3.3	5.8	3.3	3.6	4.7	4.1	3.0	3.0	3.6	3.7	2.9	3.49		8.2

* Indicates Saturday or Sunday
Local standard time used

TABULATED THU., MAY 4, 1967

CONTINUOUS AIR MONITORING PROGRAM

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

Air Quality Section, Laboratory
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

PHILADELPHIA, PA.

CONCENTRATION IN PPM

FLAME IONIZATION ANALYSIS

TOTAL HYDROCARBON
FEB. 1966

DAY OF MONTH	AM 12	AM 1-2	AM 2-3	AM 3-4	AM 4-5	AM 5-6	AM 6-7	AM 7-8	AM 8-9	AM 9-10	AM 10-11	AM 11-12	PM 12-1	PM 1-2	PM 2-3	PM 3-4	PM 4-5	PM 5-6	PM 6-7	PM 7-8	PM 8-9	PM 9-10	PM 10-11	PM 11-12	DAILY MEAN	NO. OF HRS	5-MIN MAX
1	1.8	1.9	2.0	2.1	2.0	2.0	2.1	2.1	2.1	2.3	2.3	2.4	2.3	2.6	3.6	3.5	2.8	2.4	2.1	2.0	1.9	2.1	2.4	2.4	2.29	24	3.7
2	2.4	2.3	2.3	2.2	2.2	2.1	2.1	2.2	2.4	2.7	2.8	2.8	2.7	2.7	2.7			3.1	3.7	2.9	2.5	2.3	2.3	2.2	2.61	22	6.1
3	2.2	2.2	2.4	2.3	2.2	2.1	2.1	2.1	2.3	2.4	2.5	2.6					2.6	2.6	2.5	2.4	2.3	2.1	2.2	2.2	2.29	20	2.6
4	2.1	2.1	2.1	2.1	2.1	2.0	2.2	2.3	2.4	2.5	2.5	2.3	2.3	2.4	2.6	2.6	2.6	2.6	2.5	2.6	2.3	2.3	2.3	2.2	2.31	24	2.6
5*	2.2	2.2	2.3	2.4	2.3	2.2	2.2	2.2	2.4	2.4	2.6	2.6	2.6	2.6	2.7	2.6	2.6	2.5	2.3	2.1	2.1	2.1	2.0	2.0	2.33	24	2.7
6*	2.1	2.1	2.2	2.5	2.3	2.1	2.0	2.0	2.0	2.2	2.3	2.3	2.3	2.4	2.3	2.2	2.3	2.3	2.3	2.3	2.3	2.2	2.2	2.1	2.21	24	2.5
7	2.2	2.1	2.0	2.1	2.1	2.0	2.0	2.2	2.4	2.7	2.8	2.9	3.0	3.1	3.0	3.1	3.0	3.1	3.2	3.0	2.9	2.9	2.9	2.7	2.63	24	3.2
8	2.6	2.5	2.5	2.6	2.5	2.3	2.3	2.3	2.5	2.7	2.7	3.0	2.9				3.0	3.1	3.2	3.4	3.8	4.2	4.2	4.7	2.99	21	5.2
9	5.4	5.6	5.6	5.4	5.2	5.3	6.1	5.7	5.7	5.9	4.9	4.3	3.6	3.2	3.0	3.5	3.2	3.2	3.1	2.8	2.9	3.0	3.0	2.8	4.26	24	6.2
10	2.7	2.6	2.5	2.5	2.5	2.4	2.4	2.5	4.8	3.0	3.2	3.0	2.6	2.6	2.5	2.7	2.7	2.7	2.8	2.7	2.6	2.4	2.3	2.2	2.61	24	3.2
11	2.6	3.0	2.8	2.9	2.6	3.1	3.4	3.4	3.3	3.8		4.5	4.1	3.2	3.1	3.0	3.3	4.6	4.5	3.9	4.4	5.2	5.5	6.6	3.76	23	7.5
12*	8.1	9.1	9.4	11.0	9.1	7.5	4.6	3.4	4.6	7.8	6.5	5.5	3.2	2.8	2.7	2.5	2.3	2.3	2.3	2.3	2.3	2.5	2.7	2.7	4.88	24	11.4
13*	2.8	2.7	2.7	2.6	2.5	2.7	2.9	2.9	2.9		2.9	3.0			3.0	3.0	3.0								2.82	14	3.0
14																											
15																											
16																											
17																											
18																											
19*																											
20*																											
21																											
22																											
23																											
24																											
25	1.9	1.9	2.0	2.0	1.9	1.9	1.7	1.7	1.7	1.9	2.1	2.2	2.4	2.5	2.5	2.5	2.4	2.3	2.3	2.8	2.1	2.0	2.0	1.9	2.07	24	2.5
26*	1.9	1.9	1.8	1.7	1.6	1.6	1.6	1.7	1.7	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.7	1.5	1.8	1.8	1.5	1.5	1.5	1.69	24	1.9
27*																											
28		1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4		2.2	2.2	2.2	2.2	2.2	2.5	2.8	2.8	2.8	2.8	2.2	1.9	1.7	1.6	1.95	22	2.8
MEAN		2.9	2.9	3.0	2.8	2.7	2.6	2.5	2.7			3.0													2.73		
NO.	15	16	16	16	16	16	16	16	16	14	15	16	14	13	14	13	15	15	15	15	15	15	15	15		362	
MAX	8.1	9.1	9.4	11.0	9.1	7.5	6.1	5.7	5.7	7.8	6.5	5.5	4.1	3.2	3.6	3.5	3.3	5.1	4.5	3.9	4.4	5.2	5.5	6.6	4.88		11.4

* Industry holiday
Local standard time used

TABULATED THU., MAY 4, 1967

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CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory [illegible]
Division of Air Pollution, Public [illegible]
U. S. Department of Health [illegible]

Robert A. Taft [illegible]
Cincinnati, [illegible]

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

PHILADELPHIA, PA.

CONCENTRATION IN PPM

FLAME IONIZATION ANALYSIS

TOTAL HYDROCARBON
MARCH 1966

DAY OF MONTH	AM 12-1	AM 1-2	AM 2-3	AM 3-4	AM 4-5	AM 5-6	AM 6-7	AM 7-8	AM 8-9	AM 9-10	AM 10-11	AM 11-12	PM 12-1	PM 1-2	PM 2-3	PM 3-4	PM 4-5	PM 5-6	PM 6-7	PM 7-8	PM 8-9	PM 9-10	PM 10-11	PM 11-12	DAILY MEAN	NO. OF HRS.	5 MIN MAX
1	1.6	1.7	1.7	1.7	1.4	1.2	1.3	1.5	1.7	1.8	2.6			3.1	5.5	8.5	6.7	4.2	3.0	2.1	1.5	1.3	1.2	1.1	2.55	22	8.8
2	1.0	0.9	0.8	0.9	0.9	0.7	0.7	0.9	1.1	1.3	1.4	1.5	1.5	1.5	1.8	2.0	2.9	5.5	3.7	2.8	1.8	1.6	1.6	1.6	1.65	24	6.4
3	2.2	3.1	4.6	4.0	3.8	4.0	3.4	4.0	4.5	4.2	3.8	3.1	2.9	2.4		3.0	2.8	2.2	2.3	2.6	2.5	2.5	2.8	2.7	3.16	23	5.0
4	2.5	2.2	2.0	2.0	1.9	1.8	1.6	1.6	2.0	2.5	2.5	2.5	2.7	2.8	3.1	3.6	3.9	4.1	3.8	3.4	3.0	2.7	2.5	2.3	2.63	24	4.1
5*	2.9	2.8	2.3	2.0	1.5	1.2	1.1	1.5	1.7	2.0	2.6	3.1	2.7	2.0	1.8	1.8	1.8	1.9	1.7	1.6	1.2	1.2	1.2	1.2	1.85	24	3.3
6*	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.20	24	1.2
7	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.4	1.5	1.6	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.4	1.3	1.3	0.9				1.34	21	1.6
8											1.6	1.5	1.5	1.6	1.7	1.7	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.48	14	1.8
9	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.6	1.7	2.0	2.4	2.2			2.1	1.9	1.9	1.8	1.8	1.8	1.8	2.2	3.0	1.78	22	3.5
10	4.1	3.9	3.4	3.4	3.2	2.5	2.3	2.4	2.4	2.4	2.4	2.0	1.9	1.9	1.9	1.9	1.9	2.1	2.2	2.8	2.6	2.2	2.2	2.6	2.50	24	4.5
11	2.7	2.6	2.6	2.5	2.3	2.2	2.2	2.3	2.7	2.9	3.3	3.1	3.6	3.9	4.3	4.2	4.3	4.5	4.1	3.7	3.4	3.3	2.9	2.5	3.16	24	4.7
12*	2.2	2.0	1.9	1.9	1.7	1.6	1.6	1.5	1.6	1.6	1.6	1.7	1.5	1.7	1.8	1.8	2.0	2.1	1.9	1.9	1.8	1.6	1.6	1.6	1.75	24	2.3
13*	1.7	1.6	1.6	1.5	1.4	1.4	1.4	1.5	1.5	1.5	1.6	1.8	1.8	2.0	2.1	2.1	2.2	2.3	2.1	2.0	2.1	2.0	2.0	1.9	1.79	24	2.3
14	1.7	1.6	1.5	1.5	1.5	1.5	1.5	1.7	2.0	2.2	2.2	2.3	2.4	2.5	3.1		2.6	2.6	2.5	2.3	2.3	2.3	2.4	2.5	2.09	23	3.1
15	2.2	2.0	1.9	1.9	1.8	1.8	1.8	2.0	2.1	2.3	2.2	2.1	2.0	1.8	2.1	2.2	2.0	2.0	2.0	1.9	1.8	1.8	1.8	1.9	1.96	24	2.4
16	1.9	1.8	1.8	1.8	1.6	1.6	1.6	1.7	1.9	2.3	2.4		2.8	2.9	3.1				2.7	2.3	2.4	2.5	3.0	2.8	2.23	20	3.2
17	2.6	2.7	2.5	2.4	2.5	2.4	2.3	2.3	2.7	2.8	2.4	2.3	2.3	2.2	2.2	2.2	2.4	2.3	2.3	2.4	2.2	2.2	2.4	2.5	2.39	24	2.9
18	2.9	2.9	3.0	2.9	2.9	2.5	2.2	2.5	2.9	2.8	2.7	2.6	2.7	2.6	2.6	2.6	2.6	2.4	2.3	2.3	2.3	2.1	2.2	2.2	2.56	24	3.0
19*	2.1	2.1	2.1	2.2	2.1	2.1	2.1	2.1	2.1	2.6	2.6	2.3	2.1	2.2	2.3	2.7	2.3	2.1	2.0	2.0	2.0	2.0	1.9	1.8	2.15	24	2.9
20*	1.7	2.0		1.8	1.8	1.8	1.7	1.8	1.8	1.7	1.7	1.7	1.6	1.7	1.7	1.8	1.7	1.8	1.7	1.7	1.8	1.8	1.8	1.8	1.75	23	2.0
21	1.8	1.7	1.6	1.6	1.6	1.6	1.7	1.8	2.1		1.8	1.7	1.6	1.7	1.7	1.7	1.8	2.0	2.2	2.4	2.5	2.7	2.7	2.4	1.91	23	2.8
22	3.3	3.8	3.7	3.4	2.4	2.0	1.8	2.0	2.1	2.1	2.4	2.4	2.3	2.3	2.3	2.3	2.3	2.4	2.5	3.3	4.3	3.9			2.69	22	4.5
23																											
24	2.1	2.1	2.3	2.3	2.2	2.1	2.1	2.3	2.6	2.9	2.9	3.0	2.8	2.9	2.4	2.8	2.6	3.1	2.7	2.3	2.3	2.0	1.8	1.8	2.43	24	3.2
25	1.8	1.8	1.8	1.9	1.6	1.7	1.6	1.8	2.1	2.4	2.4	2.2	2.2	2.2	1.8	1.9	2.0	2.2	2.2	1.6	1.4	1.4	1.4	1.4	1.85	24	2.4
26*	1.4	1.4	1.4	1.5	1.4	1.5	1.5	2.3	3.5	2.3	1.6	1.6	1.4	1.4	1.4	1.3	1.3	1.4	1.5	1.2	1.2	1.4	1.6	1.2	1.56	24	3.8
27*	1.2	1.4	1.4	1.5	1.3	1.2	1.1	1.1	1.1	1.1	1.2	1.2	1.2		1.8	1.8	2.3	2.4	2.0	1.8	1.5	1.5	1.5	1.5	1.46	23	2.4
28																											
29	1.9											0.6		2.6	3.1	3.2	2.8	2.7	2.0	1.7	1.7	1.8	2.0	2.6	2.19	13	3.5
30	3.2	3.0	2.5	1.9	2.0	1.7	2.0	2.4	3.4	2.9	3.0	2.9	2.6	2.6	2.5	2.1	2.3	3.6	3.4	2.9	2.0	1.8	1.7	1.8	2.49	24	3.8
31	1.7	1.6	1.6	1.5	1.5	1.5	1.5	1.7	2.2	4.5	3.5	3.6	4.0	3.9	3.6	3.6	3.7	3.2	2.5	2.8	2.1	2.2	2.2	2.3	2.58	24	5.3
MEAN	2.1	2.1	2.1	2.0	1.9	1.7	1.7	1.9	2.1	2.3	2.2	2.1	2.2	2.3	2.4	2.5	2.5	2.5	2.3	2.1	2.0	2.0	2.0	2.0	2.12		
NO.	28	27	26	27	27	27	27	27	27	26	28	27	27	27	27	27	28	28	29	29	29	28	27	27		657	
MAX	4.1	3.9	4.6	4.0	3.8	4.0	3.4	4.0	4.5	4.5	3.8	3.6	4.0	3.9	5.5	8.5	6.7	5.5	4.1	3.7	4.3	3.9	3.0	3.0	3.16		8.8

* Indicates Saturday or Sunday
Local standard time used

TABULATED THU., MAY 4, 1967

CONTINUOUS AIR MONITORING PROGRAM

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

Air Quality Section, Laboratory [illegible]
Division of Air Pollution, Public [illegible]
U. S. Department of Health, Edu[illegible]

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

PHILADELPHIA, PA.

CONCENTRATION IN PPM

TOTAL HYDROCARBON
APRIL 1966

FLAME IONIZATION ANALYSIS

DAY OF MONTH	AM 12	AM 1-2	AM 2-3	AM 3-4	AM 4-5	AM 5-6	AM 6-7	AM 7-8	AM 8-9	AM 9-10	AM 10-11	AM 11-12	PM 12-1	PM 1-2	PM 2-3	PM 3-4	PM 4-5	PM 5-6	PM 6-7	PM 7-8	PM 8-9	PM 9-10	PM 10-11	PM 11-12	DAILY MEAN	NO OF HRS	5 MIN MAX
1	2.2	1.9	1.8	1.7	2.1	2.1	2.4	2.5	2.8	3.1	3.2	3.3	3.8	3.5											2.60	14	3.9
2*																											
3*																											
4																											
5																											
6											2.7	3.2	3.0	3.2	3.1	3.0	3.3	3.3	3.0	2.4	2.8	2.6	2.4	2.2	2.85	14	3.7
7											2.5	2.5	2.5	2.6	2.6	2.7	2.6	2.5	2.5	2.3	2.3	2.1	2.2	2.3	2.37	21	2.8
8	2.2	2.0				1.9	2.1	2.3	2.8	2.7	2.5	2.5	2.1	2.3	2.4	2.3	2.3	2.2	2.3	2.2	2.2	2.3	2.3	2.2	2.17	24	3.4
9*	2.2	2.1	2.6	2.0	1.8	1.9	1.9	2.1	2.1	2.3	2.3	2.2	2.1	2.3	2.3	2.1	2.1	2.1	2.1	2.1	2.3	2.3	2.3	2.2	2.25	24	4.1
10*	2.2	2.2	3.0	2.5	2.1	2.0	2.0	2.0	2.0	2.1	2.2	2.3	2.3	2.3	2.1	2.1	2.1	2.1	2.1	2.1	2.3	2.3	2.7	3.4	2.25	24	4.1
11	3.4	2.7	2.3	2.2	2.2	2.2	2.2	2.5	2.7	2.6	2.6	4.9	4.2	3.6	3.5		2.8	2.5	2.3	2.2	2.3	2.3	2.6	2.4	2.73	23	5.7
12	2.2	2.1	3.0	2.3	2.0	2.2	2.4	2.7	3.1	3.1	3.9	4.0	2.6	2.4	2.3	2.7	3.0	3.9	3.3	3.3	2.8	2.5	2.6	2.9	2.78	24	5.4
13	3.1	2.6	4.8	3.2	2.7	2.7	2.6	2.8	3.3	3.5	6.0	4.9	3.2	3.1	3.1	2.9	3.0	3.4	2.9	2.6	2.6	2.4	2.3	2.1	3.14	24	7.1
14	1.8	1.8	3.2	2.6	1.8	1.7	1.7	1.9	2.4	2.4	3.2	4.9	2.4	2.1	2.3	2.7	5.1	3.6	2.7	2.3	2.2	2.2	2.2	2.2	2.55	24	6.1
15	2.2	2.1	3.2	2.8	2.0	1.9	1.8	2.2	2.8	2.7	2.5	2.4	2.5	2.1	2.3	2.4	2.2	2.2		2.5	2.7	3.3	4.0	3.8	2.54	23	4.9
16*	5.3	3.9	2.9	3.2	2.7	3.0	2.7	2.6	2.2	2.0	1.8	1.7	1.8	1.7	1.8	1.7	1.7	1.8	1.8	2.0	2.0	2.2	2.0	1.9	2.35	24	5.7
17*	2.0	2.0	2.2	2.9	3.3	2.9	2.2	2.3	2.4	2.4	3.0	3.3	2.2	2.0	2.1	1.9	1.9	1.8	2.0	2.3	2.2	2.1	2.5	2.5	2.34	24	3.5
18	2.4	2.5	3.2	3.0	2.4	2.7					3.1	5.3	3.2	2.5	2.5	2.5	2.6	2.8	2.5	2.9	4.0	3.9	2.6	3.1	2.99	20	6.6
19	3.8	4.0	3.9	2.7	2.0	2.4	2.9	3.0	3.1	3.0	3.0	3.3	3.2	2.8	3.0	3.1	3.0	3.0	2.8	2.3	2.1	2.0	1.9	1.8	2.83	24	4.2
20	1.8	1.7	3.8	2.2	1.7	1.7	1.8	2.1	2.5	2.7	2.9	2.6	2.5	2.6		3.0	4.1	5.4	4.7	3.8	3.6	3.2	3.1	2.8	2.87	23	5.6
21	2.8	2.6	4.2	3.4	2.6	2.5	2.6	2.7	3.3	3.6	3.4	3.5	4.3	3.3	3.5	7.2	6.2	3.7	3.2	2.8	2.7	2.7	3.2	2.9	3.44	24	9.9
22	3.0	3.0	2.8	2.6	2.4	2.4	2.4	2.5	2.7	2.8	2.6	2.4	2.3	2.2	2.4	2.5	2.8	3.5	3.2	3.4	3.6	3.7	3.5	3.5	2.84	24	3.9
23*	3.8	3.2	3.1	3.0	2.6	2.2	2.1	2.2	2.5	2.4	2.4	2.4	2.2	2.0	2.0	2.0	1.9	1.9	1.9	1.9	1.9	2.0	2.0	2.1	2.31	24	3.9
24*																											
25		3.6	3.2	2.9	2.7	2.7	3.0	3.2		3.2		3.0		2.5	2.5	2.6	2.8	2.1	1.8	1.8	2.1	2.0	1.9	1.7	2.55	20	3.9
26	1.6	1.5	1.5	1.5	1.4	1.7	2.4	3.0	3.4	2.9	2.2	2.2	2.4	2.2	2.2	2.2	2.1	2.0	1.7	1.6	1.6	1.7	1.9	1.8	2.02	24	5.3
27	2.1	2.2	3.9	2.6	1.8	1.8	1.9	2.2	2.3	2.5									2.5	2.2	2.1	2.1	2.1	2.1	2.26	16	5.5
28	2.1	2.0	5.0	2.6	1.9	1.8	1.9	2.0			3.5	3.8	2.6	2.5	2.5	2.6	2.9	2.6	2.3	2.1	2.0	2.0	2.0	2.0	2.48	22	6.5
29	2.0	1.9	2.3	2.2	1.8	1.7	1.8	2.2	2.5	2.4	2.4	3.0	2.8	2.3	2.3	2.2	2.8	2.4	2.4	2.7	2.9	2.8	2.7	3.1	2.36	24	3.4
30*	2.9	2.3	2.2	2.2	2.2	2.5	3.2	3.1	2.8	2.5	2.2	2.4	2.4	2.4	2.3	2.3	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.38	24	3.2
MEAN	2.6	2.4	3.1	2.5	2.2	2.2	2.3	2.4	2.7	2.7	2.9	3.2	2.7	2.5	2.5	2.7	2.9	2.8	2.5	2.4	2.5	2.5	2.5	2.5	2.58		
NO	22	23	22	22	22	23	22	22	20	21	22	23	22	23	21	21	22	22	22	23	23	23	23	23		532	
MAX	5.3	4.0	5.0	3.4	3.3	3.0	3.2	3.2	3.4	3.6	6.0	5.3	4.3	3.6	3.5	7.2	6.2	5.4	4.7	3.8	4.0	3.9	4.0	3.8	3.44		9.9

* Indicates [illegible]
Local standard time used

TABULATED THU., MAY 4, 1967

C-59

CONTINUOUS AIR MONITORING PROGRAM

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

PHILADELPHIA, PA.

CONCENTRATION IN PPM

FLAME IONIZATION ANALYSIS

TOTAL HYDROCARBON
MAY 1966

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN MAX
1*	2.5	2.6	3.1	2.8	2.6	2.5	2.3	2.2	2.1	2.0	2.0	2.0	1.8	1.9	1.9	1.9	1.9	1.9	1.8	1.8	1.8	1.8	1.8	1.8	2.11	24	3.2
2	1.6	1.6	2.0	2.0	1.5	1.5	1.5	1.6	1.7	1.7	1.7	1.7	1.7	1.6	1.6	1.7	1.9	1.9	1.8	1.8	1.8	1.8	1.8	1.8	1.71	24	3.3
3	2.0	2.4	2.3	2.2	2.5	3.0	3.7	4.0	3.3	2.5	2.2	2.0			2.0	2.0	2.0	2.0	2.1			2.1	1.9	1.6	2.37	20	4.1
4	1.6	1.5	1.5	1.5	1.5	1.5	1.6	1.6	1.6	1.6	1.6	1.6	1.6						1.7	1.6	1.7	1.7	1.7	1.7	1.59	19	1.7
5	1.8	2.5	2.8	2.8	3.1	3.1	2.7	2.3	2.4	2.4						2.1	2.0	2.0		2.1	2.1	2.1	2.6	2.7	2.41	18	3.2
6	2.7		5.1	3.4	2.3	2.3	2.3	2.6	2.6	2.4	2.3	2.3	2.3	2.3	2.3	2.3	2.1	1.9	1.8		1.7	1.7	1.7	1.7	2.36	22	7.3
7*	1.7	1.7	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.7	1.7	1.7	1.8	1.8	1.8	1.7	1.64	24	1.8
8*	1.7	1.7				1.7	1.7	1.9	1.9	1.9		2.5	2.5	2.4	2.4	2.4	2.3	2.3	2.3	2.1	2.1	2.1			2.09	19	2.5
9		2.0					2.0	2.1	2.3	2.3	2.3	2.1	2.1	2.1	2.0	2.0	2.0	2.0	2.0	1.9	1.8	1.7	1.6	1.6	1.98	19	2.3
10	1.6	1.6	2.9	2.9	1.9	1.8	1.7	1.7	2.9	7.7	3.2	2.2	2.1	2.0	2.0			2.1	2.1	2.1	2.1	2.1	2.2	2.3	2.41	22	10.8
11	2.2	2.0	2.0	2.0	2.0	2.0	2.0	2.2	2.3	2.1	2.1	2.1	2.1	2.0	2.0	2.1	2.2	2.2	2.2	2.2	2.2	2.3	2.3	2.1	2.12	24	2.4
12	2.1	2.1	3.2	2.9	2.2	2.2	2.3	2.6	2.5	4.0	9.7	11.6	11.4	4.7	2.3	2.1	2.3	2.3	2.5	2.2	2.1	2.0	2.0	2.0	3.55	24	12.2
13	2.2	2.6	3.6	4.0	3.3	3.0	2.9	3.0	2.9	2.3	2.2	2.1		1.9	2.4	7.0	3.6	2.1	1.9	1.9	1.9	2.0	2.0	1.9	2.72	23	8.3
14*	1.9	1.9	3.9	3.2	2.0	1.9	2.2	2.4	2.4	2.2	2.1	5.8	3.5	2.2	2.0	2.0	2.1	2.0	2.0	1.9	1.9	2.0	2.2	2.2	2.40	24	9.9
15*	2.0	2.1	2.4	2.8	2.3	3.1	2.8	2.5	2.4	2.1	8.3	8.0	2.5	2.0	2.0	2.0	2.0	1.8	1.8	1.8	1.8	1.8	1.8	1.8	2.65	24	14.4
16	1.7	1.6	1.8	2.2	2.8	3.2	2.7	2.4	2.5	2.2	2.0	1.9	1.9	1.9	2.6	2.4	2.7	2.5	1.9	1.7	1.7	1.8	1.8	2.0	2.15	24	3.9
17	1.9	1.7	1.7	1.7	1.7	1.7	1.9	2.3	2.3	2.4	2.4	2.4	2.3	2.5	2.7	2.5	2.8	2.6	2.7	2.4	2.0	1.9	1.9	1.8	2.15	24	3.1
18	1.7	2.3	1.8	1.8	1.7	1.9	2.0	2.5	2.8		3.0	3.0	2.9	3.1	3.3	3.5	3.9	3.4	3.1	2.6	2.6	2.8	2.8	2.7	2.65	23	4.9
19	2.4	2.6	2.7	2.3	2.3	2.4	2.6	3.1	2.9	2.6	2.6	2.8	3.4		3.0	3.3	3.2	3.3	3.3	4.3	5.2	4.5	4.1	4.2	3.17	23	5.7
20	4.4	5.5	4.8	3.9	3.2	3.2	4.6	4.1	4.3	3.3	3.8	4.2	2.6	2.1	2.3	2.1	2.1	2.0	1.9	2.4	3.3	3.6	4.3	3.5	3.38	24	6.6
21*	3.6	3.8	4.4	5.9	4.6	6.4	6.1	4.8	3.3	2.9	2.3	2.3	2.3	2.3	2.2	2.1	1.9	1.8	1.7	2.0	2.2	2.1	2.2	2.2	3.12	24	7.1
22*	1.9	1.8	1.8	1.7	1.6	1.6	1.7	1.7	1.7	1.7	1.6	1.6	1.6	1.7	1.7	1.8	1.7	1.6	1.7	1.8	2.0	2.5	2.3	2.7	1.80	24	3.0
23	2.8	2.6	2.5						4.4	4.0	4.0	3.1	2.4	2.2	2.2	2.2	2.2	2.0	1.7	1.7	1.8	1.9	2.2	2.6	2.55	19	4.6
24	2.9	2.2	2.6	2.6	2.2	2.0	2.4			2.2	2.1	2.1	2.1	2.0	1.9	1.8	1.8	1.7	1.6	1.7	1.7	1.7	1.9	2.1	2.05	22	3.2
25	2.1	1.8	1.9	2.3	2.4	2.5	3.2	3.8	4.4	5.0	4.8	4.4	3.6	3.4	3.2	3.6	3.6	3.6	4.1	4.4	4.0	3.6	3.9	4.3	3.50	24	5.3
26	5.0	4.1	4.5	4.6	5.0	5.4	4.6	5.2	5.4	4.2	3.6	3.1	4.5	4.9	3.4	2.4	2.2	2.0	2.1	2.9	3.2	3.1	2.2	2.2	3.71	24	6.0
27	3.2	4.5	4.7	3.8	3.3	2.8	2.6	3.4	3.9	3.3	2.8	2.6	2.2	2.2	2.0	1.9	2.1	2.1	1.8	1.9	1.9	1.9	2.0	2.2	2.69	24	4.9
28*	2.2	2.0	2.1	2.4	2.6	2.3	2.4	2.9	3.1	3.0	3.1	3.4	2.9	2.6	2.2	2.3	2.3	2.1	1.8	1.7	1.7	1.8	1.7	1.8	2.33	24	3.5
29*	2.9	2.8	2.5	2.4	2.2	2.2	2.5	2.2	1.9	1.7	1.8	1.6	1.6	1.5	1.5	1.4	1.4	1.3	1.3	1.5	1.6	1.7	1.6	1.6	1.85	24	3.2
30	1.5	1.3	1.4	1.6	1.3	1.3	1.3	1.3	1.3	1.2	1.2	1.2	1.2	1.2	1.1	1.1	1.1	1.1	1.1	1.3	1.4	1.5	1.7	2.2	1.33	24	2.9
31	1.9	1.6	1.6	1.7	1.4	1.5	1.7	1.9	2.1	2.0	1.9	1.8	1.8	1.9	1.9	1.7	1.9	1.6	1.6	1.9	1.7	1.4	1.4	1.4	1.72	24	2.1
MEAN	2.3	2.3	2.7	2.7	2.4	2.5	2.5	2.6	2.7	2.7	2.9	3.0	2.7	2.3	2.2	2.3	2.2	2.1	2.0	2.1	2.2	2.2	2.2	2.2	2.40		
NO	30	30	29	28	28	29	30	29	30	30	29	30	28	27	29	29	29	30	30	29	30	31	31	30		705	
MAX	5.0	5.5	5.1	5.9	5.0	6.4	6.1	5.2	5.4	7.7	9.7	11.6	11.4	4.9	3.4	7.0	3.9	3.6	4.1	4.4	5.2	4.5	4.3	4.3	3.71		14.4

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., MAY 10, 1967

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of [illegible] Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONCENTRATION IN PPM

FLAME IONIZATION ANALYSIS

PHILADELPHIA, PA.

TOTAL HYDROCARBON
JUNE 1966

DAY OF MONTH	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS	5-MIN MAX
1	1.8	2.2	2.1	2.2	2.0	2.0	2.0	2.1	2.1	1.8	1.7		1.73	22	2.9
2	1.8	1.8	1.9	1.9	1.8	1.7	1.8	2.2	2.6	3.7	2.9		1.98	24	4.1
3	2.2	2.1	2.2	2.4	2.6	2.4	2.4	2.8	3.5	3.6	3.3	3.2	2.58	24	3.7
4*	2.2	2.1	2.1	2.0	2.0	2.0	2.4	3.0	2.7	3.4	3.6	3.8	2.74	24	4.3
5*	2.9	2.5	2.3	2.2	2.1	2.1	2.4	2.7	3.5	3.7	3.3	3.2	3.22	24	4.4
6	2.7	2.7	2.6	2.6	2.7	2.4	2.2	2.3	2.4	2.2	2.1	2.2	2.88	24	4.4
7	2.3	2.2	2.1	2.1	2.3	2.4	2.2	2.1	2.3	2.6	3.0	3.7	2.45	21	3.8
8	3.2	3.0	2.6	2.4	2.8	2.4	2.2	2.3					2.50	20	4.9
9	2.6				2.3	2.4	2.4	2.1	2.1	2.0	1.9	1.9	2.21	14	2.6
10	2.1	2.2	2.3										2.21	15	2.4
11*					1.5	1.5	1.5	1.5	1.6	1.5	1.4	1.4	1.40	17	1.6
12*	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.6	1.7	1.47	24	1.7
13	2.1	2.1	2.1	2.1	2.3	2.2			2.4	3.4	4.1		2.24	21	4.3
14															
15	2.2	2.1	2.0	1.8	1.9	2.0	2.0	2.0	2.1	2.5	3.7	6.0	2.58	19	6.6
16	2.5	2.4	2.3	2.3	2.3	2.3	2.3	2.1	2.1	2.1	2.1	2.2	3.38	24	6.5
17															
18*															
19*															
20															
21	1.7	1.7	1.7	1.7	1.7	1.6	1.3	1.4	1.6	1.7	1.7	1.8	1.94	23	3.1
22	1.8	1.8					1.8	1.7	1.7	1.7	1.8	2.0	1.80	17	2.4
23	1.9	1.9	1.8	1.9	1.9	1.8	1.7	1.9	2.0	2.0	2.6	2.4	2.07	24	3.0
24	1.8	1.8	1.7	1.8	1.9	1.7	1.6	1.8	1.7	2.1	2.7	2.2	2.01	24	3.0
25*	1.9	1.9	1.9	1.8	2.0	2.0	2.0	2.0	1.9	1.9	1.8	1.7	1.87	24	2.1
26*	2.4	2.4	2.8	3.1	2.8	2.7	2.6	2.8	2.3	2.0	2.3	2.7	2.10	24	3.7
27	3.3	3.3		2.9	2.5	2.3	2.3	2.1	2.4	2.4	2.3	8.3	2.70	22	3.5
28	2.8	2.6	3.8	3.6	2.6	2.4	1.9	1.8	2.0	2.3	2.5	2.4	2.67	24	5.7
29	2.7	2.2	2.0	1.9	2.0	1.8	1.8	2.0	2.1	2.4	2.5	2.6	2.14	24	3.8
30					1.9	1.8	1.8	1.8	1.9	2.0	2.4	2.3	2.13	20	3.0
MEAN	2.3	2.2	2.2	2.2	2.1	2.1	2.0	2.0	2.2	2.3	2.3	2.6	2.30		
NO	22	22	20	20	23	23	23	23	23	23	23	22		343	
MAX	3.3	3.3	3.8	3.6	2.8	2.7	2.6	3.0	3.5	3.7	4.1	6.0	3.38		6.6

* Indicates Saturday or Sunday
Local standard time used

TABULATED THU., MAY 4, 1967

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CONTINUOUS AIR MONITORING PROGRAM

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

Air Quality Section, Laboratory of [illegible] and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

PHILADELPHIA, PA.

CONCENTRATION IN PPM

FLAME IONIZATION ANALYSIS

TOTAL HYDROCARBON
JULY 1966

DAY OF MONTH	AM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	PM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS	5-MIN MAX
1	2.2	2.3	2.6	2.4	2.4	2.4	2.4	2.3	2.1	2.1	2.1	2.1	2.0	2.0	2.1	2.1	2.1	1.9	1.7	1.7	1.6	1.6	2.0	2.8	2.11	24	3.1
2*	2.4	2.4	2.6	2.4	2.4	2.3	2.2	2.3	2.4	2.0	1.8	2.2	2.6	2.3	2.2	2.1	2.1	2.0	2.1	2.6	2.5	2.3	2.4	3.0	2.31	24	3.5
3*	4.1	4.4	3.3	2.7	2.5	2.5	2.3	2.2	2.2	2.2	2.1	2.0	2.2	2.2	2.3	2.3	2.3	4.3	2.2	2.3	2.3	2.4	2.4	2.4	2.50	24	4.9
4	2.4	2.3	2.3	2.3	2.3	2.3	2.3	2.5	2.6	2.4	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.4	2.7	2.6	2.2	2.35	24	2.7
5																											
6																											
7																											
8		1.8	1.7	1.7	2.2	2.5	2.4	2.6	2.3	1.9	2.0	2.0	1.9	1.9	1.9	2.0	2.0	1.8	1.8	1.9	1.9	2.0	2.1	1.9	2.00	23	2.8
9*	1.8	1.8	1.9	1.8	1.8	1.8	1.8	1.6	1.7	1.6	1.5	1.6	1.6	1.5	1.9	1.6	1.6	1.6	1.8	2.0	2.1	2.1	2.8	2.3	1.78	24	3.4
10*	2.0	2.0	2.5	1.9	2.4	2.4	2.5	2.1	1.9	1.9	1.7	1.6	2.0	2.0	1.8	1.8	1.8	1.8	2.1	2.4	2.2	2.0	1.7	2.1	2.00	24	3.0
11	2.3	2.5	1.9	1.6	1.7	1.9	2.0	1.9	1.9	1.9	1.8	1.8	1.9	1.9	1.9	2.0	1.9	1.8	1.8	1.9	2.0	2.1	1.9	1.8	1.90	24	2.6
12	2.0	2.0	2.3	2.4	2.2	2.6	2.5	2.7	2.3	2.1	2.0	2.1	2.1	2.1	2.1	2.0	2.0	1.9	1.9	2.3	2.5	2.7	2.6	2.2	2.24	24	3.0
13	1.9	1.9	3.1	4.1	2.9	2.2	2.1	2.4	2.2	2.0	2.1	2.1	2.1	2.0		2.4	2.3	2.1	2.2	2.3	2.5	2.4	2.3	2.2	2.32	23	4.6
14	2.1	1.9	1.9	1.9	2.0	2.2	2.4	2.4		2.1	2.2	2.1	2.1	2.1	2.1	2.1	2.4	2.1	2.0	2.1	2.0	1.9	1.9	1.9	2.07	23	2.7
15	2.0	1.8	1.9	1.9	1.9	2.4	2.8	2.5	2.2	2.0	2.1	2.1	1.9	2.0	2.2	2.2	2.3	2.1	2.1	2.1	2.2	2.2	2.8	1.8	2.14	24	3.4
16*	1.8	1.8	1.8	1.7	1.7	1.8	2.0	2.0	2.0	2.0	2.0	1.9	1.8	1.9	1.9	1.9	1.9	1.9	1.8	1.8	2.1	1.9	2.1	1.9	1.88	24	2.4
17*	1.9	1.9	1.8	2.5	2.3	2.3	2.6	2.4	1.7	2.0	2.7	2.3	2.0	2.0	2.0	1.9	1.8	1.8	1.8	1.8	1.9	1.8	2.2	2.5	2.07	24	3.3
18	2.4	2.4	2.6	2.3	2.1	2.2	2.7	2.6	2.4	2.6	2.4	2.4	2.4	2.4	2.4	2.5	2.6	2.4	2.5	2.8	2.7	2.6	2.5	2.9	2.46	24	3.1
19	2.6	2.4	2.5	2.4	2.7	2.9	3.0	2.8	3.1	3.5	3.0	2.3	2.3	2.3	2.3	2.4	2.4	2.5	1.9	1.9	1.9	2.5	2.9	2.5	2.54	24	3.7
20	2.1	1.7	1.7	1.6	1.7	1.6	1.8	2.5	2.0	1.7	1.8	1.8	1.8	1.8	1.7	1.8	1.9	1.7	1.7	1.8	1.8	1.8	1.8	1.8	1.79	24	3.8
21	1.8	1.7	1.8	1.8	1.8	1.9	2.1	2.1	2.2	2.0	1.8	1.7	1.8	1.7		1.9	2.1	1.9	1.9	2.0	2.3	2.3	2.4	2.8	1.98	23	3.0
22	4.1	3.7	3.9	2.8	2.8	3.6	3.2	3.2	3.2	2.7	2.7	2.4	2.3	2.4	2.4	2.6	2.6	2.2	2.3	2.3	2.1	2.1	2.1	2.2	2.73	24	5.1
23*	2.9	2.8	2.7	3.4	3.6	3.5	3.2	3.6	3.4	3.4	2.3	2.0	1.9	1.9	1.9	1.8	1.8	1.8	1.8	2.0	2.1	2.2	2.6	2.3	2.53	24	4.2
24*	2.2	2.1	2.5	2.3	3.2	2.9	3.0	2.9	2.6	2.1	1.9	1.9	1.9	1.9	1.9	1.8	2.0	2.0	2.1	1.9	1.9	2.2	2.4	1.9	2.22	24	4.0
25	1.9	2.0	3.3	2.5	2.4	2.7	3.2	3.3	2.7	2.6	3.4	2.5	2.2	2.5	2.4	2.1	2.0	1.9	2.0	2.0	2.2	2.2	2.6	3.4	2.40	24	4.3
26	3.9	3.2	2.8	3.0	3.2	3.3	3.0	3.6	2.4	2.4	2.5	2.4	2.4	2.5	2.5	2.5	2.9	2.2	2.2	2.4	2.7	2.4	2.2	2.8	2.67	24	4.3
27	2.3	2.2	2.0	1.9	2.2	2.7	3.2	3.1	2.4	2.3	2.3	2.1	2.1	2.1	2.2		2.2	2.0	2.1	2.3	2.3	2.7	2.8		2.32	23	3.5
28	2.6	2.4	2.3	2.3	2.1	2.0	2.3	3.0		2.3	2.3	2.2	2.3	2.6	2.8	3.4	3.2	2.8	3.2	3.1	3.2	2.8	3.2	2.5	2.65	23	4.5
29	2.7	2.6	2.5	2.4	2.6	2.7	3.2	3.8	2.9	2.3	2.2	2.1	2.1	2.2	2.1	2.1	2.3	2.2	2.2	2.8	2.2	2.3	2.2	2.0	2.40	24	4.3
30*	2.0	1.9	1.9	1.9	2.0	2.0	2.1	2.3	2.3	2.2	2.4	2.4	2.4	2.4	2.2	2.4	2.2	2.3	2.3	2.8	3.1	3.1	3.0	2.8	2.34	24	3.3
31*	3.2	2.9	2.8	3.0	2.9	2.9	2.4	2.1	1.9	1.8	1.8	2.0	2.0	1.9	1.8	1.8	1.8	1.9	2.0	2.0	1.9				2.22	21	3.8
MEAN	2.4	2.3	2.4	2.3	2.3	2.4	2.5	2.6	2.3	2.2	2.2	2.1	2.1	2.1	2.1	2.1	2.1	2.0	2.1	2.3	2.2	2.2	2.4	2.3	2.25		
NO	27	28	28	28	28	28	28	28	26	28	28	28	28	28	26	27	28	28	28	28	28	27	27	27		643	
MAX	4.1	4.4	3.9	4.1	3.6	3.6	3.2	3.8	3.4	3.5	3.4	2.5	2.6	2.6	2.8	3.4	3.2	2.8	3.2	3.1	3.2	3.1	3.2	3.4	2.73		9.1

* Indicates Saturday or Sunday
Local standard time used

TABULATED THU., MAY 4, 1967

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CONTINUOUS AIR MONITORING PROGRAM

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

PHILADELPHIA, PA.

CONCENTRATION IN PPM

FLAME IONIZATION ANALYSIS

TOTAL HYDROCARBON
AUG. 1966

DAY OF MONTH	AM 12	AM 1-2	AM 2-3	AM 3-4	AM 4-5	AM 5-6	AM 6-7	AM 7-8	AM 8-9	AM 9-10	AM 10-11	AM 11-12	PM 12-1	PM 1-2	PM 2-3	PM 3-4	PM 4-5	PM 5-6	PM 6-7	PM 7-8	PM 8-9	PM 9-10	PM 10-11	PM 11-12	DAILY MEAN	NO OF HRS	5 MIN MAX
1		1.8	2.0		2.2		2.3	2.7	2.5	2.2	2.2	2.2	2.1	2.0	2.1	2.2	2.3	2.5	2.9	3.0	3.3	3.1	3.2	2.7	2.46	21	3.9
2	2.5	2.7	2.9	2.1	2.5	2.0	2.8	3.2	3.1	2.7	2.5	2.4	2.5	2.4	2.4	2.6	2.7	2.9	2.9	2.6	1.9	1.9	2.1	1.9	2.49	24	3.6
3	1.6	1.6	1.6	1.6	1.6	1.8	1.9	2.0	2.0	1.8	1.8	1.9	1.9	1.8	1.9			1.9	2.0	2.6	2.4	2.7		3.4	1.97	21	3.8
4										3.4	3.3	2.7	2.1	2.2	2.1	2.1	2.8	2.2	2.0	2.0	2.0	2.0	2.5	2.8	2.38	15	3.7
5	2.0	2.2	2.3	2.5	2.6			3.6	4.1	3.0	2.3	2.3	2.2	2.3	2.3	2.5	2.7	2.4	2.6	3.2	3.2				2.62	19	4.7
6*			6.3						2.9	2.9				2.4	2.3	2.2	2.1	2.2	2.4	2.1	2.0	2.1	2.7	3.1	2.68	14	6.4
7*	3.5	3.9	3.8		3.3		4.0					1.8	1.8	1.8	1.7	1.7	1.7	1.7	1.8	1.8	1.8	1.8	1.7	1.9	2.31	18	4.3
8	2.1	1.9	1.9	1.8	1.7	2.0	2.4	2.7	2.4	2.1	2.2	2.4	2.7	2.8	2.9	2.7	2.5	2.1	1.9	1.9	1.9	1.9	2.0	2.1	2.19	24	3.2
9	2.1	2.2	2.2	2.3	2.4	2.9	3.4	3.6	2.9	2.8	2.4	2.0	2.0	2.0	2.0	2.0	1.9	1.8	1.7	1.7	1.8	1.8	1.9	1.9	2.23	24	3.9
10	2.1	2.1	1.9	1.8	2.0				2.6	2.3	2.1	2.0	2.2	2.2	2.2	2.3	2.4	2.2	2.3	2.0	2.0	2.0	2.7	2.8	2.18	21	3.7
11																											
12																											
13*																											
14*																											
15																											
16																											
17																											
18																											
19																											
20*																											
21*																											
22																											
23																											
24											2.2	1.9	1.7	1.7	1.9	1.9	1.8	1.7	1.7	1.8	1.9	1.9	2.0	2.2	1.88	14	2.7
25	1.6	1.6	1.3	1.3	1.4	1.8	2.4	2.3	1.8	1.6	1.6	1.6	1.7	1.8	1.7	1.8	1.8	1.7	1.7	1.9	2.3	2.8	3.2	3.5	1.91	24	4.1
26	2.0	1.6	1.6	1.6	1.7	2.1	2.3	2.3	2.2	1.9	1.9	1.9	1.8	1.8	1.8	2.1	2.0	1.8	1.9	2.2	2.5	3.1	3.0	3.6	2.11	24	4.6
27*	2.2	4.1	2.8	1.8	1.8	1.9	1.9	1.8	1.7	1.5	1.5	1.4	1.3	1.3	1.4	1.4	1.3	1.5	1.8	2.1	1.7	1.7	2.0	1.9	1.79	24	4.4
28*	1.5	1.4	1.3	1.3	1.4	1.5	1.6	1.4	1.4	1.5	1.4	1.3	1.5	1.4	1.3	1.4	1.4	1.5	1.8	1.9	2.5	2.5	2.8	3.9	1.70	24	4.4
29	4.3	4.7	6.0	3.4	3.4	3.6	5.2	6.1	3.9	2.9		1.9	2.1	1.9	1.9	1.8	1.9	1.7	1.8	1.8	1.8	2.0		2.8	3.03	22	9.0
30									3.1	3.1	2.7	2.4	2.2	2.0	2.1	2.1	2.2	2.2	2.0	1.9	2.1	3.1	2.9	3.3	2.44	16	4.2
31	3.0	2.4	3.1	3.2	2.3	2.7	3.2	3.1	2.7	2.3	2.5	2.2	2.1	2.3	2.3	2.0	2.2	1.9	2.1	2.2	2.0	3.0	3.7	2.8	2.53	24	4.6
MEAN										2.4		2.0	2.0	2.0	2.0	2.0	2.1	2.0	2.1	2.1	2.2	2.3		2.7	2.26		
NO	13	14	15	12	14	10	12	12	15	16	15	17	17	18	18	17	17	18	18	18	18	17	15	17		373	
MAX	4.3	4.7	6.3	3.4	3.4	3.6	5.2	6.1	4.1	3.4	3.3	2.7	2.7	2.8	2.9	2.7	2.7	2.9	2.9	3.2	3.3	3.1	3.7	3.9	3.03		9.0

* Indicates Saturday or Sunday
Local standard time used

TABULATED THU., MAY 4, 1967

C. 63

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of [illegible] and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONCENTRATION IN PPM

FLAME IONIZATION ANALYSIS

PHILADELPHIA, PA.

TOTAL HYDROCARBON
SEPT. 1966

DAY OF MONTH	AM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	PM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5 MIN MAX
1	2.5	2.6	3.0	3.1	3.0	2.8	3.0	2.9	2.9	2.5	2.3	2.4	2.3			2.3	2.2	1.8	2.2	2.4	2.2	2.2	2.4	2.0	2.50	22	3.6
2	1.8	1.7	1.8	1.8	1.8	2.2	2.6	2.9	2.1	2.0	2.1	2.0	2.0	2.0	2.1	2.3	2.2	2.2	2.7	3.0	2.9	3.4	2.3	2.1	2.23	24	4.9
3*	2.2	2.1	2.1	1.9	1.8	1.9	2.3	2.5	2.0	1.8	1.9	1.7	1.7	1.6	1.6	1.9	1.8	1.7	2.6	1.9	1.7	1.7	1.7	1.8	1.90	24	3.4
4*	1.8	1.7	1.6	1.6	1.6	1.6	1.7	1.8	1.9	1.8	1.7	2.1	2.2	2.1	2.0	2.1	2.1	2.0	2.4	2.1	2.2	2.3	2.4	2.1	1.99	24	2.8
5	1.8	1.7	1.7	1.8	1.8	1.8	1.9	1.7	1.7	1.5	1.5		1.5	1.7	1.6	1.6	1.7	1.8	1.9	2.0	2.0	2.0	2.1	2.0	1.75	23	2.3
6	1.9	1.9	1.8	1.8	2.0	2.0	2.7	2.6	2.2	2.0	2.0	1.9	1.8	1.9	2.0	2.0	2.3	2.1	2.1	2.3	2.2	2.5	2.1	2.0	2.08	24	3.0
7	1.9	1.8	1.7	1.8	1.7	1.9	2.2	2.3			2.0	2.0	2.1	2.1		2.0	2.0	1.9	1.9	2.0	2.0	2.0	2.0	1.9	1.95	21	2.9
8	1.8	1.7	1.7	1.7	1.7	1.8	2.3	2.4	2.2	2.2	2.1	2.0	2.2	2.1	2.1	2.2	2.4	3.1	2.5	2.9	2.3	2.3	3.0	2.4	2.21	24	4.8
9	2.3	2.1	2.0	1.8	1.8	1.8	2.2	2.4	2.3	2.1	2.0	1.8	1.9	1.8	2.0	1.9	2.1	2.0	2.3	2.8	2.9	3.1	2.8	2.4	2.18	24	3.6
10*	2.3	2.3	1.9	1.7	1.8	1.8	1.9	2.0	1.9	1.9	1.7	1.9	1.9	1.9	1.8	1.9	1.8	1.8	2.3	2.6	2.4	2.6	2.7	2.4	2.02	24	3.2
11*	2.1	2.0	1.8	1.9	1.9	1.8	1.8	1.7	1.8	1.7	1.7	1.7	1.7	1.8	1.8	1.9	1.8	1.9	1.9	2.0	2.0	2.0	1.9	1.9	1.84	24	2.3
12	1.7	2.0	2.8	2.6	2.4	2.7	3.5	4.4	3.5	2.2	2.1	1.9	2.1	2.0	2.1	2.1	2.2	2.0	2.0	2.0	1.9	1.9	1.9	1.8	2.30	24	4.9
13	1.9	1.8	1.9	2.0	2.9	2.8	3.2	4.1	2.8	2.3	2.0	1.9	2.0	2.0	2.0	2.3	2.2	2.0	1.9	2.0	2.0	2.1	2.1	3.2	2.28	24	4.7
14	3.3	2.3	2.5	3.2	2.6	2.6	3.4	3.1	3.3	2.8	2.6		3.6	3.0	3.7	3.7	3.9	3.4	3.6	3.0	2.2	2.4	2.3	2.1	2.98	23	5.8
15	1.8	1.9	1.9	1.9	1.8	1.9	2.3	2.8	2.4	2.2	2.1	2.1	2.1	2.1	2.1	2.1	2.1	1.9	2.0	1.8	1.8	1.8	1.8	1.8	2.01	24	4.1
16	1.8	1.8	1.8	1.8	1.8	2.1	2.5	2.7	2.5	2.2	2.0	2.1	2.0	2.1	2.1	2.1	2.8	2.2	2.6	4.2	4.7	3.3	2.7	2.7	2.41	24	5.2
17*	2.8	2.9	3.0	3.0	2.9	2.7	3.1	2.9	2.6	2.3	2.1	2.0	2.0	2.0	2.0	2.1	2.1	2.3	2.5	2.9	3.7	3.4	3.7	3.2	2.74	24	5.9
18*	4.6	5.7	7.0	8.1	7.4	6.1	5.3	5.6	6.4	6.7	7.3	5.4	3.3	2.7	2.4	2.4	2.8	2.2	2.2	2.2	2.4	2.7	3.0	3.2	4.44	24	8.6
19	3.0	2.7	3.2	3.4	4.7	5.1	6.0	7.5	6.9	5.5	3.6	2.7	2.6	2.2	2.3	2.6	2.8	2.1	2.2	2.8	2.2	2.2	2.1	2.6	3.41	24	8.8
20	3.0	2.1	1.8	1.9	1.9	2.2	2.9	3.2	3.2	3.0	3.0	3.0	3.2	2.7	2.9	3.4	3.2	3.0	2.7	2.7	2.6	2.7	2.9	2.4	2.72	24	4.1
21	2.5	2.4	2.6	2.7	2.6	4.6	3.0	2.9	2.6		3.2	3.9	4.3	6.0	5.6	4.1	5.6	4.1	3.9	3.2	2.6	2.8	3.7	3.1	3.47	23	8.8
22	2.3	2.0	1.9	1.8	1.9	2.1	2.5	2.9	2.9	2.9	2.5	2.9	3.0	2.8	2.7	2.6	2.8	2.9	2.8	3.0	2.4	2.0	1.9	1.9	2.47	24	3.8
23	1.8	1.7	1.7	1.6	1.7	2.1	2.5	2.5	2.2	2.1	2.0	2.1	2.0	2.0	2.1	2.3	2.4	2.4	2.7	2.6	2.8	3.2	2.5	2.1	2.20	24	3.6
24*	1.8	1.8	1.7	1.7	1.7	1.8	2.3	2.5	1.8	1.7	1.7	1.8	1.7	1.7	1.7	1.8	1.8	1.9	2.3	2.3	2.4	2.4	2.4	2.2	1.99	24	3.5
25*	2.4	3.1	2.9	2.1	1.9	1.9	2.1	2.1	2.1	2.1	2.0	1.9	1.9	1.9	1.8	2.1	2.1	2.1	2.2	2.1	2.0	2.0	2.2	2.2	2.11	24	3.9
26	2.0	1.8	1.9	1.8	2.0	2.3	2.9	3.1	2.5	2.5	2.0	2.0	1.8	1.8	2.0	2.1	2.2	2.2	2.9	3.1	2.7	2.5	3.2	2.6	2.[illegible]	24	4.1
27	2.6	2.4	2.5	2.7	2.7	4.4	5.9	5.5	5.3	3.7	3.4	2.7	2.5	2.5	2.8	4.0	4.4	3.5	3.2	2.7	2.6	2.3	2.2	2.1	3.26	24	8.0
28	1.9	2.0	2.0	1.9	1.9	2.2	2.7	3.8	4.6	4.9		3.6	3.8	4.1	4.2	5.1	6.4	4.5	4.0	3.6	3.2	2.8	2.8	2.6	3.38	23	8.9
29	2.5	2.3	2.4	2.4	2.7	3.1	3.7	4.8	4.7	3.9	4.3	4.3	4.0	3.2	2.7	2.9	3.6	3.4	3.7	3.8	3.1	3.9	3.3	3.3	3.39	24	9.5
30	2.7	2.4	2.7	2.7	3.1	4.3	5.1	8.4	3.0	2.0	1.9	1.8	1.9	2.0	2.1	2.5	2.6	2.4	2.2	2.1	2.0	2.1	2.0	1.9	2.61	24	6.3
MEAN	2.3	2.2	2.3	2.3	2.4	2.8	3.0	3.2	3.0	2.6	2.4	2.4	2.4	2.3	2.4	2.5	2.6	2.4	2.5	2.8	2.5	2.5	2.5	2.4	2.50		
NO	30	30	30	30	30	30	30	30	29	28	29	28	30	29	28	30	30	30	30	30	30	30	30	30		711	
MAX	4.6	5.7	7.0	8.1	7.4	6.1	6.0	7.5	6.9	6.7	7.3	5.4	4.3	6.0	5.6	5.1	6.4	4.5	4.0	4.2	4.7	3.9	3.7	5.2	4.44		8.9

* Indicates Saturday or Sunday
Local standard time used

TABULATED THU., MAY 4, 1967

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of [illegible] and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
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HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONCENTRATION IN PPM

FLAME IONIZATION ANALYSIS

PHILADELPHIA, PA.

TOTAL HYDROCARBON
OCT. 1966

DAY OF MONTH	AM 12	AM 12	AM 12	AM 23	AM 34	AM 45	AM 56	AM 67	AM 78	AM 89	AM 910	AM 1011	AM 1112	PM 121	PM 12	PM 23	PM 34	PM 45	PM 56	PM 67	PM 78	PM 89	PM 910	PM 1011	PM 1112	DAILY MEAN	NO OF HRS	5 MIN MAX
1*	2.9		1.7	1.6	1.6	1.6	1.7	1.8	1.9	2.0	1.9	2.0	2.0	1.9	2.0	1.9	1.9	1.8	2.1	1.8	1.6	1.8	2.0	2.1	1.85	23	5.1
2*	2.0	1.9	1.8	1.7	1.7	1.9	2.0	1.8	1.8	1.8	1.8	1.9	2.0	2.0	1.9	2.1	2.2	2.2	3.5	6.2	7.3	7.1	7.2	6.4	3.00	24	7.8
3	5.6	4.8	3.8	3.6	4.0	4.7	7.3	8.8	9.7	6.6	3.2	2.4	2.2	2.1	2.1	2.2	2.3	2.2	2.1	2.1	2.1	2.3	2.3	2.3	3.76	24	11.7
4	2.9	2.2	2.1	3.0	2.9	3.0	3.8	4.7	3.6	3.4	3.2	2.1	2.5	2.3	2.3	2.1	2.3	2.8	2.7	4.1	3.6	3.3	3.4	2.8	2.95	24	9.6
5	2.6	2.5	3.0	2.1	2.2	2.3	2.7	2.9	3.2	2.8	2.9	2.4	1.9			2.0	2.0	1.8	1.9	1.8	1.7	1.8	1.9	1.8	2.27	22	4.1
6	1.6	1.6	1.6	1.7	1.6	1.7	2.1	2.0	1.7	1.6	1.5	1.5	1.7	1.8	1.7	1.9	2.0	2.0	2.1	2.8	2.1	2.3	2.8	3.6	1.92	24	4.1
7	3.0	2.2	1.9	1.8	1.9	2.2	3.0	3.9	3.5	2.7	2.1	2.0	2.0	2.0	2.0	2.4	2.3	2.3	3.5	4.0	4.4	3.8	3.6	4.0	2.77	24	7.0
8*	4.5	5.2	4.7	4.5	5.6	4.0	3.9	3.7	3.8	4.7	3.5	3.1	2.8	2.6	2.6	2.5	2.5	3.1	3.5	2.7	3.9	3.5	3.5	3.0	3.63	24	7.2
9*	3.1	3.2	2.9	2.3	2.9	4.0	2.6	2.6	3.5	3.2	3.7	4.9	2.4	2.3	2.1	2.2	2.2	2.3	2.1	2.2	2.2	2.2	2.3		2.72	24	5.5
10	1.8	1.9	1.8	1.9	2.1	2.2	2.3	2.5	3.2	2.4	2.3	2.6	2.1	2.0	2.1	1.9	2.2	2.4	2.4	2.6	2.1	2.5	3.2	3.1	2.29	24	4.0
11	1.9	1.9	2.0	2.2	3.5	3.7	7.4	5.5	3.2	2.9	2.2	1.8	1.9	1.9	2.2	2.2	2.3	2.4	2.7	2.8	3.0	2.6	2.2	2.1	2.76	24	9.4
12	1.8	1.6	1.7	1.7	1.7	1.9	2.5	2.8	2.2	1.9	1.9	1.9	1.8	1.9	1.9	2.0	2.2	2.0	2.2	2.8	2.6	2.4	2.3	2.4	2.04	24	3.4
13	2.2	2.2	2.6	2.7	3.6	4.9	5.1	5.7				2.8	2.4	2.6	2.6	2.7	2.6	2.5	2.4	2.4	2.4	2.6	2.7	2.5	2.95	21	6.6
14	2.3	2.2	2.2	2.1	2.4	3.0	3.4	3.7	3.3	3.1	3.1	2.7	2.2	2.3	2.2	2.4	2.7	2.2	2.1	2.6	2.4	2.6	2.7	2.6	2.58	24	4.2
15*	2.3	2.9	3.6	4.0	2.7	2.6	3.2	3.8	3.8	3.4	2.7	2.6	2.4	2.2	2.2	2.3	2.3	2.1	2.0	2.8	2.2	2.2	2.6	2.8	2.71	24	6.5
16*	2.8	2.2	2.1	2.0	1.8	2.1	3.1	2.6	2.8	3.0	2.3	2.3	2.4	2.5	2.4	2.2	2.4	2.6	2.5	2.8	2.2	2.4	2.3	2.1	2.40	24	4.1
17	2.1	2.1	2.1	2.2	2.3	2.3	2.9	3.1	2.8	2.7	2.5	2.6	2.6	2.7	2.7	2.9	3.2	2.8	2.8	2.7	2.9	2.9	2.9	2.7	2.64	24	4.3
18	2.6	2.4	2.5	2.5	2.7	3.8	3.5	3.6	3.1	3.5	3.2	3.6	4.2	4.0	3.9	3.7	3.8	3.6	3.8	3.8	3.3	3.1	3.0	3.5	3.29	24	4.7
19	4.0	3.3	3.3	3.1	3.3	2.6	3.6	5.4	6.1	5.6	7.0	6.4		8.6	5.7	4.6	4.7	4.5	2.8	2.6	2.3	2.2	2.0	1.9	4.14	23	8.9
20	1.9	1.9	1.9	1.9	1.9	1.8	2.0	2.0	1.9	1.9	1.9	1.8	1.9	1.9	2.0	2.2	2.4	2.4	2.3	2.8	2.3	2.3	2.2	2.4	2.05	24	3.1
21	2.2	2.0	2.0	2.0	2.3	2.6	3.1	4.1	2.8	2.3	2.2	2.2	2.2	2.2	2.8	2.9	2.9	2.8	3.0	4.3	3.9	5.4	3.5	4.6	2.92	24	7.0
22*	3.6	4.3	5.0	4.7	4.4	3.1	5.0	5.7	4.5	3.3	2.6	2.4	2.1	2.1	2.1	2.1	1.9	2.0	2.2	2.4	2.8	2.4	4.4	3.7	3.35	24	7.0
23*	4.9	2.6	3.1	3.3	2.7	3.5	2.9	2.5	3.2	3.6	3.1	2.6	2.3	2.2	2.1	2.3	2.9	2.8	3.6	5.1	3.7	6.4	4.9	3.7	3.32	24	7.0
24	4.5	4.1	3.1	2.5	2.3	2.3	2.9	3.2	2.5	2.2	2.1	2.1	2.1	2.2	2.4	2.6	3.4	2.9	3.3	3.6	3.2	2.7	2.8	2.9	2.82	24	5.1
25	2.2	2.2	2.3	2.0	2.2	2.2	2.8	3.5	3.3	3.0	3.3	3.4	4.0	3.9	3.2	3.8	4.8	3.6	4.2	4.8	4.6	3.8	3.2	3.1	3.30	24	5.8
26	3.2	3.2	3.1	3.1	3.0	3.3	4.2	5.0	3.5		2.9	2.6	2.4	2.4	2.3	2.3	2.7	3.0	6.4	3.9	2.5	3.5	6.0	5.7	3.47	23	10.5
27	3.6	2.5	2.5	2.6	2.9	3.2	3.8	4.4	3.6	2.9	2.1	2.1	2.1	2.0	2.2	2.6	2.8	3.0	4.4	2.6	2.1	2.2	2.3	4.8	2.88	24	5.6
28	5.0	4.8	4.6	3.9	3.8	3.6	4.6	5.1	4.3	3.1	2.7	2.6	2.6	2.3	2.4	2.5	2.9	4.3	8.7	10.8	9.9	10.1	10.0	9.1	5.13	24	10.9
29*	8.4	8.0	7.6	7.3	6.7	5.5	6.4	6.1	6.2	4.5	2.4	2.3	2.1	2.0	2.0	2.0	1.9	1.8	1.8	1.9	1.9	1.8	1.7	1.6	3.89	24	9.2
30*	1.6	1.6	1.6	1.6	1.5	1.5	1.6	1.6	1.6	1.6	1.6	1.6	1.7	1.8	1.8	1.8	2.0	2.1	2.3	2.3	2.7	2.9	3.4	4.6	2.01	24	5.7
31	4.9	4.8	4.3	3.0	2.5	2.2	2.4	3.5	3.9	2.7	2.0	2.0	2.0	1.9	2.0	2.0	2.1	2.3	2.0	2.1	2.2	2.0	2.1	2.2	2.63	24	5.5
MEAN	3.1	2.9	2.8	2.7	2.8	2.9	3.5	3.8	3.5	3.0	2.7	2.6	2.3	2.5	2.4	2.4	2.6	2.6	3.0	3.2	3.1	3.2	3.3	3.3	2.92		
NO	31	30	31	31	31	31	31	31	30	29	30	31	30	30	30	31	31	31	31	31	31	31	31	31		736	
MAX	8.4	8.0	7.6	7.3	6.7	5.5	7.4	8.8	9.7	6.6	7.0	6.4	4.2	8.6	5.7	4.6	4.8	4.5	8.7	10.8	9.9	10.1	10.0	9.1	5.13		11.7

* Indicates Saturday or Sunday
Local standard time used

TABULATED THU., MAY 4, 1967

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CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of [illegible] and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONCENTRATION IN PPM

FLAME IONIZATION ANALYSIS

PHILADELPHIA, PA.

TOTAL HYDROCARBON
NOV. 1966

DAY OF MONTH	AM 12	AM 12	AM 23	AM 34	AM 45	AM 56	AM 67	AM 78	AM 89	AM 910	AM 1011	AM 1112	PM 121	PM 12	PM 23	PM 34	PM 45	PM 56	PM 67	PM 78	PM 89	PM 910	PM 1011	PM 1112	DAILY MEAN	NO. OF HRS	5 MIN MAX
1	2.3	2.2	2.7	2.5	2.2	2.1	2.6	4.3					2.9	3.0	3.0	2.8	2.7	3.3	3.0	3.0	3.2	3.7	3.4	2.8	2.86	20	4.7
2	2.3	2.4	2.3	2.4	1.9	2.1	2.5	2.8	3.6	3.4	3.1	3.0	2.9	2.9	2.6	3.1	3.6	4.4	2.7	2.6	2.5	2.1	2.0	1.9	2.70	24	6.3
3	1.8	1.7	2.1	2.8	1.9	2.2	2.6	2.4	2.4	2.4	2.4	2.3	2.2	2.0	2.1	2.2	2.3	2.5	2.4	2.8	2.3	2.3	2.1	1.9	2.23	24	3.8
4	1.9	1.9	1.9	1.8	1.8	1.8	2.0	2.4	2.6	2.3	2.2	2.2	2.1	2.1	2.2	2.3	2.8	3.4	2.8	2.8	2.9	4.0	5.1	3.8	2.53	24	5.9
5*	3.6	3.3	3.7	3.0	2.3	2.6	3.2	4.2	4.6	4.1	5.4	3.6	2.2	2.2	2.0	2.1	2.4	2.2	2.2	2.5	2.7	2.5	2.7	2.5	2.99	24	6.1
6*	2.5	3.5	2.6	2.0	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	2.0	2.0	2.1	2.0	2.3	2.2	2.1	2.1	2.1	2.2	2.2	2.3	2.12	24	5.0
7	2.5	2.5	2.7	2.8	2.9	2.7	2.8	3.8	4.2	3.0					2.5	2.6	2.9	2.8	2.4	2.5	2.2	2.0	2.2	2.0	2.68	20	5.1
8	2.2	2.5	2.8	2.2	2.0	2.1	2.3	2.5	3.0	3.2	3.3	3.1	2.7	2.1	2.1	2.3	2.4	2.8	2.4	3.0	2.7	3.8	3.5	3.3	2.66	24	4.2
9	3.3	2.5	2.1	2.3	2.7	3.4	2.4	3.5	4.1	3.7		3.6	2.7	3.1	3.2	3.4	3.4	3.7	3.0	2.9	2.5	2.2	2.1	2.2	2.94	23	5.3
10	2.3	2.6	2.7	2.6	1.8	2.0	2.2	2.7	2.4	2.8	3.1	2.2	2.0	2.1	2.1	2.2	2.6	2.7	2.0	1.8	1.9	1.8			2.28	22	4.0
11											2.1	2.0	1.9	2.1	2.0	2.6	2.6	3.3	3.8	3.6	3.2	3.3	3.0	2.7	2.70	14	4.7
12*	2.5	2.8	2.7	3.4	3.9	3.8	3.2	3.6	3.4	3.4	3.6	3.1	2.5	2.5	2.2	2.1	2.2	2.2	2.0	1.9	2.0	2.0	1.9	2.0	2.70	24	5.0
13*	2.0	2.0	2.0	1.9	1.9	1.8	1.6	1.7	1.7	1.6	1.7	1.7	1.7	1.9	2.0	1.9	2.0	2.2	2.4	2.6	2.4	2.0	2.0	1.9	1.93	24	2.8
14	1.7	1.7	1.7	1.7	1.7	1.8	2.1	2.7	2.9	3.1	3.0	2.5	2.3	2.3	2.4	2.4	3.1	3.3	2.9	2.8	2.7	2.7	2.8	2.6	2.44	24	4.0
15	2.3	2.2	2.0	2.1	1.9	2.0	2.0	2.3	2.6	2.2	2.1	2.0	1.9	2.0	2.0	2.1	2.8	2.7	2.4	2.3	2.2	2.2	2.1	2.0	2.17	24	3.1
16	2.0	1.9	2.0	2.3	2.9	2.6	3.3	4.3	5.1				2.6	2.7	2.7			2.9	2.6	2.8	4.1	4.2	3.9	3.3	3.09	19	6.1
17	3.3	3.4	3.2	2.2	2.5	2.5	2.6	3.6	4.2	3.7	3.3	3.4	3.1	3.6	3.2	3.4	4.4	3.7	4.3	4.1	4.5	4.7	6.3	6.2	3.71	24	7.3
18	3.8	3.9	3.0	3.0	4.1	4.1	6.7	4.6	4.9	4.4	3.9	3.6	3.4	3.7	3.3	3.2	3.6	4.0	4.5	4.9	4.4	5.1	4.4	3.4	4.05	24	14.1
19*	2.6	2.0	1.9	1.8	1.8	1.7	1.8	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.8	1.9	2.0	1.9	2.0	2.0	2.0	1.9	2.0	2.0	1.91	24	3.1
20*	1.9	1.9	1.8	1.7	1.7	1.7	1.8	1.8	1.8	1.9	1.9	1.9	2.0	2.1	2.2	2.4	2.5	2.4	2.6	2.8	2.5	3.0	3.2	3.8	2.21	24	4.4
21	3.8	3.4	3.1	3.1	3.1	3.2	3.7	4.7	4.6	3.3	2.9	2.6	2.5	2.3	2.7	2.8	3.0	3.2	3.1	4.1	3.9	3.1	3.4	3.4	3.28	24	5.4
22	3.6	3.6	3.6	3.7	3.8	3.6	3.8	4.6	5.4	4.3	3.9	3.1	2.7	2.7	2.5	2.7	3.3	4.0	4.7	7.6	8.1	4.9	3.1	5.5	4.09	24	8.8
23	7.0	6.8	5.9	5.5	4.4	3.8	4.2	4.9	4.6	3.6	3.2	3.2	3.8	3.9	3.1		4.6	4.5	4.6	4.7	4.6				4.53	20	7.9
24																											
25										9.4	7.7	6.2	4.2	4.6	3.8	4.3	4.1	3.8	4.9	3.8	4.0	3.4	4.4	5.3	4.89	15	11.6
26*	4.1	4.3	2.9	2.2	2.1	2.2	2.8	2.9	2.5	2.3	2.4	2.2	2.1	2.2	2.1	2.2	2.6	2.7	2.6	3.3	3.2	3.1	3.2	3.2	2.72	24	4.8
27*	2.9	2.9	2.9	2.8	2.9	3.1	3.3	3.1	2.9	3.2	3.1	3.3	3.6	3.4	3.4	3.6	3.3	3.0	2.7	2.6	2.3	2.2	2.3	8.3	2.95	24	4.1
28	2.1	2.1	2.0	1.8	1.8	1.8	1.8	2.1	2.6	2.2	2.1	2.1	2.1	2.2	2.5	2.4	2.9	2.6	1.9	1.9	2.0	2.2	2.3	2.2	2.14	24	3.7
29	2.0	1.9	1.8	1.9	1.9	2.2	2.4	2.6	2.4	3.2	2.5	2.3	2.3	2.2	2.3	2.4	2.4	3.3	2.6	2.8	2.5	3.1	2.9	2.3	2.40	24	4.9
30	2.0	2.1	2.1	2.0	2.1	2.0	2.1	2.5	2.9	2.5	2.3		2.5	2.5	2.5	2.6	3.0	3.3	3.0	2.7	2.7	2.7	3.6	3.1	2.55	23	4.8
MEAN	2.7	2.7	2.6	2.5	2.4	2.5	2.7	3.1	3.3	3.2	3.0	2.7	2.5	2.6	2.5	2.6	2.9	3.1	2.9	3.0	3.0	2.9	3.0	3.0	2.81		
NO	27	27	27	27	27	27	27	27	26	26	25	25	28	28	29	27	28	29	29	29	29	28	27	27		656	
MAX	7.0	6.8	5.9	5.5	4.4	4.1	6.7	4.9	5.4	9.4	7.7	6.2	4.2	4.6	3.8	4.3	4.6	4.5	4.9	7.6	8.1	5.1	6.3	6.2	4.89		14.1

* Indicates Saturday or Sunday
Local standard time used

TABULATED THU., MAY 4, 1967

CONTINUOUS AIR MONITORING PROGRAM

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

Air Quality Section, Laboratory of [illegible] Official Sciences
Division of Air Pollution, Public [illegible]
U. S. Department of Health, Education and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

PHILADELPHIA, PA.

CONCENTRATION IN PPM

FLAME IONIZATION ANALYSIS

TOTAL HYDROCARBON
DEC. 1966

DAY OF MONTH	AM 12-1	AM 1-2	AM 2-3	AM 3-4	AM 4-5	AM 5-6	AM 6-7	AM 7-8	AM 8-9	AM 9-10	AM 10-11	AM 11-12	PM 12-1	PM 1-2	PM 2-3	PM 3-4	PM 4-5	PM 5-6	PM 6-7	PM 7-8	PM 8-9	PM 9-10	PM 10-11	PM 11-12	DAILY MEAN	NO OF HRS	5 MIN MAX
1	3.4		2.5	2.4	2.4	2.9	3.1	3.8	3.2	2.8	2.7	2.5	2.6	3.1	2.8	3.2	3.1	3.0	2.8	3.0	3.5	3.6	4.0	3.6	3.03	23	4.3
2	3.8	2.6	2.9	3.4	2.8	2.1	2.3	2.3	2.7	2.8	2.6	2.5	2.1	2.1	2.3	2.5	2.8	2.6	2.3	2.2	2.1	2.1	2.1	2.1	2.48	24	4.9
3*	2.0	2.0	1.9	1.9	1.9	1.9	1.9	2.1	2.1	2.1	2.1	2.1	2.1	2.0	2.0	2.0	2.1	2.0	1.9	1.9	1.9	1.9	1.9	1.9	1.98	24	2.5
4*	1.9	1.9	1.9	1.8	1.8	1.8	1.8	1.9	2.0	1.9	1.9	1.9	2.0	2.1	2.1	2.1	2.6	2.4	2.5	2.8	3.1	2.8	2.3	2.4	2.14	24	5.2
5	2.6	3.3	2.5	2.1	2.2	2.0	2.4	3.7	4.9								3.9	3.3	2.9	2.8	2.8	2.7	3.9	3.7	3.04	17	6.0
6	2.8	2.7	2.5	2.2	2.2	2.1	2.4	3.0	3.2	2.5	2.6	2.6	2.7	2.9	3.0	3.2	3.2	4.2	3.1	2.6	2.4	2.4	2.4	2.5	2.71	24	5.2
7	2.4	2.2	2.2	2.2	2.2	2.6	2.6	2.9	2.7	2.6	2.5	2.7	2.5	2.8		3.0	3.1	3.5	2.8	2.6	2.7	2.6	2.3	2.2	2.59	23	4.4
8	2.4	4.9	3.5	3.9	3.2	5.6	3.9	4.9	5.2	5.0	5.2	4.3	4.0	3.3	3.4	3.6	4.3	6.9	4.0	4.0	3.3	4.4	6.0	5.6	4.35	24	10.8
9	3.4	3.4	3.6	3.1	3.4	3.1	3.3	4.7	4.7	3.5	3.5	3.3	2.9	3.0	3.4	3.3	3.9	5.8	5.2	3.6	4.1	3.8	4.3	4.7	3.78	24	7.3
10*	4.3	3.7	3.2	4.4	3.7	3.3	2.5	3.1	2.5	2.5	3.8	3.2	2.2	2.2	2.3	2.3	2.4	2.2	2.3	2.1	2.2	2.0	2.0	1.9	2.75	24	6.0
11*	1.9	1.9	2.0	2.0	2.1	2.0	1.9	1.9	1.9	1.9	1.9	1.9	2.0	1.9	2.0	2.0	2.1	2.1	2.0	2.0	1.9	1.9	1.9	1.9	1.95	24	2.5
12	1.8	1.7	1.7	1.8	1.8	1.8	2.0	2.3	2.5	2.1	2.0	2.0	2.0	2.1	2.2	2.3	2.4	2.9	2.6	2.6	2.5	2.4	2.2	2.2	2.16	24	3.9
13	2.2	2.1	2.1	2.2	2.2	2.4	2.5	2.9	3.3	2.9	3.0	3.1	3.0	3.2	3.2	3.3	3.6	3.6	3.0	2.6	2.3	2.1	2.0	2.0	2.69	24	4.3
14	1.9	1.9	1.8	1.8	1.7	1.8	1.9	2.6	2.9	2.5	2.2	2.2	2.5		2.1	2.2	2.3	2.9	2.2	2.0	1.9	1.8	1.9	1.9	2.12	23	3.9
15	1.9	1.9	1.9	1.9	1.8	1.8	1.9	2.1	2.6	2.3	2.2	2.1	2.0	2.1	2.2	2.2	2.3	2.7	2.2	2.2	2.5	2.4	2.2	3.1	2.17	24	4.1
16	2.9	2.8	2.5	2.3	2.6	2.9	3.7	4.2	3.6	3.1	4.0	3.3	2.6	2.8	3.0	3.5	3.8	3.3	3.4	3.1	3.6	3.4	3.0	3.8	3.18	24	5.2
17*	3.7	3.0	3.1	3.9	3.6	3.6	4.8	5.2	5.2	6.2	6.3	3.8	3.9	3.2	3.2	3.4	3.8	4.5	4.4	3.7	3.1	2.7	3.0	3.8	3.96	24	8.0
18*	3.8	3.7	2.9	2.7	2.8	2.4	2.6	3.3	2.8	2.7	3.1	2.6	2.6	2.2	2.0	2.2	2.8	3.3	3.4	4.3	2.9	2.2	2.0	1.9	2.77	24	4.9
19	1.9	1.7	1.6	1.6	1.6	1.6	1.8	2.1	2.2	2.1	1.9	1.9	1.9	1.8	1.9	2.0	2.4	2.8	2.2	2.1	2.1	2.3	2.5	2.2	2.00	24	4.7
20	2.1	2.1	2.1	2.1	2.2	2.1	2.4	2.8	3.2	3.1	3.6	3.5	3.1	4.0	4.5	5.2	5.8	4.5	3.4	2.7	2.2	2.3	2.3	2.2	3.04	24	14.2
21	2.0	1.8	1.7	1.7	1.6	1.7	1.9	2.2	2.3	2.1	2.1	2.1	2.1	2.1	2.5			3.2	2.6	2.3	2.3	2.3	2.2	2.1	2.12	22	4.7
22	2.1	1.9	1.9	1.8	1.8	2.0	2.2	2.8	3.0	2.6	2.7	2.5	2.5	2.7	2.9	2.9	3.2	3.5	3.2	2.8	2.8	2.8	2.9	2.5	2.98	24	5.0
23	2.7	2.9	2.1	2.1	1.9	2.0	2.1	2.5	2.8	2.3	2.3	2.3	2.2	2.1	2.1	2.2	2.4	2.5	2.2	2.2	2.2	2.0	2.0	2.0	2.25	24	4.0
24*	2.1	2.1	1.9	1.8	1.8	1.9	1.9	1.8	2.0	2.1	2.1	2.1	2.1	2.1	1.9	1.8	1.8	1.7	1.7	1.7	1.6	1.6	1.6	1.6	1.86	24	2.5
25*	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.7	1.8	1.7	1.8	1.8	1.8	1.8	1.9	2.0	1.9	1.9	1.9	2.0	1.9	2.0	1.9	1.9	1.78	24	2.2
26	1.7	1.7	1.7	1.7	1.8	2.0	2.1	1.9	2.0	1.9	1.7	1.8	1.7	1.8	1.8	1.8	1.9	2.0	2.0	2.1	2.3	2.0	1.9	1.9	1.87	24	2.8
27	1.8	1.8	2.0	1.8	2.1	2.2	2.5	2.7	2.7	2.4	2.3	2.2	2.0	2.1	2.1	2.3	2.3	3.0	2.7	2.4	2.6	3.3	2.5	2.6	2.35	24	4.3
28	2.6	2.6		2.4	2.1	2.2	2.2	2.7	3.1	3.0	3.4	3.0	3.4	2.7	2.6	2.5		2.4	2.1	2.1	2.2	2.0	1.9	1.9	2.50	22	4.1
29	1.9	2.0	2.2	1.9	1.9	2.4	2.1	2.5	2.6	2.3	2.3	2.1	2.0	2.1	2.1	2.1	2.8	2.2	1.9	1.9	1.8	1.7	1.8	1.8	2.08	24	3.1
30	1.7	1.7	1.7	1.7	1.7	1.7	1.9	2.1	2.3	2.1	2.1	2.0	2.0	2.0	2.0	2.1	2.2	2.4	2.1	2.1	2.1	2.1	2.0	2.1	1.99	24	2.8
31*	2.2	2.0	1.8	1.9	2.0	2.0	2.1	2.6	2.5	2.3	1.9	2.1	2.7	3.2	2.6	2.5	2.7	2.3	2.2	2.4	2.3	2.3	2.5	3.9	2.36	24	4.3
MEAN	2.4	2.4	2.2	2.3	2.2	2.3	2.4	2.8	2.9	2.6	2.7	2.5	2.4	2.5	2.5	2.6	2.9	3.1	2.7	2.8	2.5	2.4	2.5	2.6	2.53		
NO	31	30	30	31	31	31	31	31	31	30	30	30	30	29	29	29	29	31	31	31	31	31	31	31		730	
MAX	4.3	4.9	3.6	4.4	3.7	3.6	4.8	5.2	5.2	6.2	6.3	4.3	4.0	4.0	4.5	5.2	5.8	6.9	5.2	4.3	4.1	4.4	6.0	5.6	4.35		14.2

* Incomplete data

Local standard time used

TABULATED THU., MAY 4, 1967

c.67

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of [illegible]
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONCENTRATION IN PPM

POTASSIUM IODIDE ANALYSIS

PHILADELPHIA, PA.

TOTAL OXIDANT
JAN. 1966

DAY OF MONTH	AM 12	1	2	3	4	5	6	7	8	9	10	11	PM 12	1	2	3	4	5	6	7	8	9	10	11	DAILY MEAN	NO. OF HRS	5 MIN MAX
1*	.02	.01	.02	.01	.01	.01	.01	.01	.01	.02	.01	.02	.02	.02	.01	.02	.02	.02	.02	.02	.02	.02	.02	.02	.016	23	.04
2*	.02	.02	.01	.02	.02	.02	.02	.02	.02	.02	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.02	.02	.02	.013	23	.03
3	.02	.02	.02	.02	.02	.02	.03	.04	.04	.02	.02	.02	.02	.02	.02	.02	.01	.02	.01	.01	.01	.01	.01	.01	.018	23	.05
4	.01	.01	.01	.01	.01	.01	.02	.02	.01	.01	.01						.01	.00	.00	.00	.01	.00	.00	.01	.008	19	.03
5	.01	.00	.01	.01	.01	.00	.01	.02							.00	.01	.00	.00	.00	.00	.00	.01	.01	.02	.006	18	.04
6	.02	.02	.01	.01	.01	.01	.02	.02	.01	.01	.01	.01	.01	.01				.02	.02	.02	.02	.04	.03	.03	.017	20	.04
7	.02	.02	.02	.02	.02	.03	.04	.04	.02	.01	.01	.01	.02	.03	.03	.03	.02	.02	.02	.02	.02	.02	.02	.02	.020	23	.06
8*	.03	.02	.01	.01	.01	.01	.01	.01	.01	.01	.00	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.011	23	.03
9*	.01	.01	.01	.01	.01	.00	.01	.01	.00	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.003	23	.02
10	.00	.00	.00	.01	.00	.00	.00	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.00	.01	.01	.02	.01	.01	.004	23	.02
11	.00	.01	.01	.01	.01	.01	.01	.00	.00	.00	.00	.00	.00	.00			.00	.00	.00	.00	.00	.01	.01	.00	.004	21	.02
12	.00	.00	.00	.01	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.001	23	.01
13	.00	.00	.01	.01	.00	.00	.00	.00	.00				.00	.01	.00	.00	.00	.01	.01	.01	.01	.01	.01	.01	.005	21	.02
14	.01	.01	.01	.01	.02	.01	.01	.01	.01	.00	.01		.01	.01				.02	.02	.03	.03	.04	.04	.02	.016	20	.06
15*	.01	.01	.00	.00	.01	.01											.01	.02	.03	.02	.02	.01	.00	.01	.011	14	.04
16*	.01	.01	.01	.02	.02	.01	.01	.01	.01	.00	.01		.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.010	23	.02
17	.01	.01	.02	.02	.02	.01	.02	.01	.00	.00	.00		.00	.00	.00	.00	.01	.01	.01	.01	.01	.02	.01		.009	23	.03
18	.01	.01	.01	.01	.01	.01	.02	.01	.01	.00	.00		.00	.00		.01	.01	.01	.00	.00	.00	.00	.00	.00	.006	22	.02
19	.01	.01	.01	.01	.01	.01	.02	.01	.01	.00	.00		.01	.00				.01	.01	.01	.00	.01	.01	.01	.008	20	.02
20	.01	.01	.01	.01	.01	.01	.02	.01	.01	.01	.00		.01	.01	.01	.01	.01	.02	.01	.01	.01	.01	.00	.01	.010	23	.03
21	.00	.01	.01	.01	.01	.02	.02	.02	.01	.01	.01		.01	.01				.02	.02	.03	.03	.02	.02	.02	.015	20	.05
22*	.02	.02	.03	.02	.01	.00	.01	.01	.00	.01	.00		.01	.01	.00	.01	.01	.01	.01	.00	.01	.05	.03	.02	.012	23	.07
23*	.04	.04	.04	.03	.02	.02	.02	.02	.02	.01			.01	.02			.02	.02	.02	.02	.02	.02	.02	.02	.021	20	.04
24	.02	.02	.02	.02	.02	.01	.02	.02	.01	.01	.01		.02	.02	.02	.01	.01	.01	.00	.00	.01	.01	.01	.01	.013	23	.03
25	.01	.01		.01	.00	.00	.01	.00	.00	.00			.01	.01			.02	.03	.02	.01	.01	.01	.00	.01	.009	19	.04
26	.01	.01	.01	.01	.01	.01	.01	.01	.00	.00	.01		.01	.01			.03	.02	.02	.01	.01	.01	.02	.02	.012	21	.05
27	.01	.01	.02	.02	.02	.02	.02	.02	.01	.01	.02		.01	.00				.02	.02	.02	.02	.02	.02	.01	.015	20	.03
28	.01	.01	.01	.01	.00	.00	.01	.00	.00	.00	.00		.00	.01					.01	.01	.02	.01	.01	.01	.007	19	.02
29*	.01	.01	.01	.00	.00	.00	.01	.01	.00	.00	.00		.00	.00	.01	.00	.00	.00	.00	.00	.01	.02	.01	.01	.005	23	.02
30*	.01	.01	.02	.02	.02	.01	.01	.01	.01	.01	.01		.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.012	23	.02
31	.01	.01	.01	.01	.01	.01	.01	.01	.02	.02	.01		.02	.02	.02	.01	.01	.03	.02	.02	.02	.02	.01	.01	.014	23	.03
MEAN	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01		.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.011		
NO.	31	31	30	31	31	31	30	30	29	28	26		28	28	18	19	25	30	31	31	31	31	31	31		662	
MAX	.04	.04	.04	.03	.02	.03	.04	.04	.04	.02	.02		.02	.02	.03	.03	.03	.03	.03	.03	.03	.05	.04	.03	.021		.07

* Indicates [illegible]
Local standard time used

TABULATED THU., MAY 4, 1967

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of [illegible]
Division of Air Pollution, Public [illegible]
U. S. Department of Health, Education and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

PHILADELPHIA, PA.

TOTAL OXIDANT
FEB. 1966

CONCENTRATION IN PPM

POTASSIUM IODIDE ANALYSIS

DAY OF MONTH	AM 12-1	AM 1-2	AM 2-3	AM 3-4	AM 4-5	AM 5-6	AM 6-7	AM 7-8	AM 8-9	AM 9-10	AM 10-11	AM 11-12	PM 12-1	PM 1-2	PM 2-3	PM 3-4	PM 4-5	PM 5-6	PM 6-7	PM 7-8	PM 8-9	PM 9-10	PM 10-11	PM 11-12	DAILY MEAN	NO. OF HRS	5 MIN MAX
1	.01	.01		.01	.01	.01	.01	.02	.01	.02	.01	.02	.02				.07	.02	.02	.02	.02	.03	.03	.02	.016	19	.09
2			.00	.00	.00	.00	.00	.00	.00									.03	.03	.03	.03	.02	.02	.02	.016	15	.09
3	.01	.01		.02	.02	.02	.02	.03	.03	.02	.02	.01	.02	.01								.01	.01	.01	.017	16	.04
4	.02	.01		.01	.00	.01	.01	.02	.02	.02	.01	.00	.01	.01	.01	.02	.02	.03	.02	.02	.02	.02	.01	.02	.014	23	.04
5*	.01	.01		.02	.02	.02	.02	.02	.02	.02	.02	.02	.01	.02	.02	.02	.03	.03	.02	.01	.01	.01	.01	.01	.016	23	.04
6*	.01	.01		.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.02	.02	.02	.02	.02	.02	.01	.01	.012	23	.09
7	.01	.00		.00	.01	.01	.00	.01	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.02	.01	.01	.004	23	.09
8	.00	.00		.00	.00	.00	.01	.02	.00	.00	.01	.01	.01	.02			.03	.04	.04	.09	.11	.10	.06	.22	.036	21	.26
9	.20	.17		.09	.06	.06	.06	.03	.02	.02	.00	.00	.00	.01											.055	13	.25
10																											
11	.01	.02		.01	.02	.01	.02	.03			.01	.01	.01	.02	.03	.02	.01	.04	.04	.04	.06	.06	.04	.06	.026	21	.09
12*	.04	.06		.05	.05	.03	.01	.05	.10	.06	.02	.00	.01	.01	.01	.01	.02	.03	.03	.02	.03	.03	.03	.03	.032	23	.13
13*	.02	.01		.02	.02	.02	.02	.02	.02	.02	.02	.02	.01	.01	.01	.01	.01	.01	.02	.02	.02	.01	.02	.02	.016	23	.09
14	.02	.01		.02	.02	.02	.02	.03	.02										.02	.02	.06	.04	.05	.11	.033	14	.17
15	.03	.02		.01	.01	.01	.02	.03	.02	.01	.01	.01	.01	.00			.01	.02		.01	.01	.01	.01	.02	.014	20	.15
16	.02	.01		.01	.02	.01	.02	.03	.02	.03				.01	.01	.01	.01	.02	.04	.05	.01	.01	.01	.01	.018	20	.07
17	.01	.01		.01	.02	.01	.02	.02	.01	.00	.00	.00	.01	.01											.010	13	.03
18																											
19*	.01	.01		.01	.03	.01	.02	.02	.02	.02	.01	.00		.00	.01	.01	.01	.01	.02	.02	.02	.02			.013	20	.04
20*	.01	.01	.01	.01	.01	.01	.00	.01	.00	.01	.01	.00	.00	.00	.00	.01	.01	.01	.01	.01	.01	.01	.00		.007	23	.02
21	.01	.01	.01	.01	.01	.01	.01	.01	.00	.00	.00	.00	.00	.01	.01	.00	.00	.00	.00	.00	.00	.01		.01	.004	23	.02
22	.01	.01	.00	.00	.00	.01	.01	.01	.00	.00	.00	.00	.00	.00	.01	.01	.00	.00	.00	.00	.00	.00		.01	.003	23	.02
23	.01	.01	.01	.01	.01	.01	.01	.02	.01	.00					.00	.00	.00	.01	.00	.00	.01	.02		.00	.007	19	.03
24	.00	.00	.00	.00	.00	.00	.00	.01	.01	.00	.00	.01	.00	.01			.02	.02	.01	.01	.01	.00	.01	.01	.005	22	.03
25	.01	.02		.01	.01	.01	.01	.02	.01	.00	.00	.00	.00	.00	.00	.00	.00	.01	.01	.01	.01	.02	.02	.02	.009	23	.02
26*	.01	.01		.01	.01	.01	.01	.02	.02	.02	.01	.01	.01	.01	.01	.01	.02	.02	.01	.02	.01	.02	.02	.02	.013	23	.02
27*	.01	.01		.01	.01	.01	.01	.01	.01	.02	.01	.01	.04	.03			.04	.03	.02	.02	.02	.02	.01	.02	.017	21	.06
28	.02	.02		.02	.02	.02	.02	.03	.03	.04	.03	.03	.03	.03	.07	.07	.06	.06	.05	.03	.03	.02	.02	.02	.033	23	.08
MEAN	.02	.02		.01	.01	.01	.01	.02	.02	.01	.01	.01	.01	.01	.01	.01	.02	.02	.02	.02	.02	.02	.02	.03	.016		
NO.	25	25	6	26	26	26	26	26	25	23	22	22	21	22	16	16	21	22	22	23	23	24	20	22		530	
MAX	.20	.17	.01	.09	.06	.06	.06	.05	.10	.06	.03	.03	.04	.03	.07	.07	.07	.06	.05	.09	.11	.10	.06	.22	.055		.26

TABULATED THU., MAY 4, 1967

* Indicates Source of Data
Local standard time used

C-69

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of [illegible] Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

PHILADELPHIA, PA.

CONCENTRATION IN PPM

TOTAL OXIDANT
MARCH 1966

POTASSIUM IODIDE ANALYSIS

DAY OF MONTH	A.M. 12	1	2	3	4	5	6	7	8	9	10	10-11	11-12	P.M. 12-1	1	2	3	4	5	6	7	8	9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS.	5 MIN MAX
1	.02	.02			.02	.02				.01	.00	.00	.01	.01	.01			.01	.02	.02	.02	.02	.02	.02	.02	.02	.014	18	.03
2	.02	.02			.02	.02	.02			.01	.00	.01	.01	.01	.01			.01	.02	.02	.02	.02	.02	.02	.02	.03	.016	19	.04
3	.03	.04		.11	.04	.04	.11	.14	.04	.05	.03	.05		.05					.04	.04	.04	.07	.06	.06	.06	.06	.057	19	.19
4	.04	.05		.04	.04	.04	.04	.06	.05	.04	.05	.06		.06	.06	.07	.06	.06	.06	.05	.05	.04	.04	.04	.04	.05	.048	23	.08
5*	.05	.05		.02	.02	.02	.03	.04	.05	.06	.07	.04		.02	.01	.01	.02	.03	.03	.02	.01	.02	.02	.02	.02	.02	.029	23	.08
6*	.03	.03		.02	.03	.03	.03	.03	.02	.02	.02	.01		.01	.02	.01	.01	.02	.03	.03	.03	.02	.02	.02	.02	.02	.021	23	.04
7	.02	.02		.02	.02	.02	.02	.04	.02	.01	.02	.01		.01	.02	.01	.02	.02	.03	.03	.03	.02	.03	.03	.03	.02	.021	23	.11
8	.02	.02		.03	.02	.02	.02	.04	.02	.01	.02	.03		.03		.02	.02	.02	.02	.01	.02	.02	.02	.01	.02	.01	.020	22	.07
9	.02	.02		.02	.03	.02	.02	.03	.05	.02	.05	.05		.04	.02	.01	.01	.02	.04	.02	.01	.01	.01	.01	.01	.01	.023	23	.13
10	.01	.01		.00	.01	.01	.01	.01	.01			.01		.01	.01			.02	.02	.02	.03	.03	.04	.03	.03	.03	.016	19	.04
11	.03	.02		.02	.02	.02	.03	.04	.04		.06	.06		.06	.06	.07	.05		.08	.07	.07	.06	.06	.04	.03	.048	21	.10
12*	.03	.02		.02	.02	.02	.03	.03	.03	.03	.03	.03		.04	.04	.03	.02	.02	.03	.03	.03	.02	.03	.03	.03	.03	.028	23	.05
13*	.03	.03		.02	.03	.03	.02	.02	.02	.03	.04	.02		.03	.03	.03	.03	.01	.03	.02	.03	.02	.02	.02	.02	.02	.025	23	.04
14	.03	.03		.03	.03	.03	.03	.03	.02	.02	.02	.03		.03	.02	.02	.01	.02	.03	.04	.04	.03	.03	.03	.02	.02	.026	23	.05
15	.02	.01		.02	.03	.03	.03	.04	.04	.04	.04	.04		.04	.03		.03	.03	.03	.03	.04	.03	.02	.01	.01	.01	.029	22	.07
16	.02	.02		.03	.03	.03	.03	.02	.02	.01	.02	.00		.00	.01	.01	.01	.02	.03	.02	.02	.02	.02	.03	.03	.03	.019	23	.07
17	.04	.02		.01	.01	.01	.03	.04	.03	.02	.02	.02		.03	.03				.04	.05	.05	.05	.04	.04	.04	.04	.031	20	.06
18	.04	.03		.04	.05	.05	.06	.08	.07	.03	.04	.04		.04	.04	.05	.04	.04	.05	.05	.04	.04	.04	.04	.04	.04	.044	23	.10
19*	.04	.04		.03	.04	.04	.05	.06	.05	.05	.04	.03		.03	.03	.03	.02	.04	.03	.03	.03	.03	.03	.03	.03	.03	.035	23	.09
20*	.03	.03		.02	.02	.02	.03	.03	.03	.03	.02	.01		.01	.02	.02	.02	.04	.03	.03	.04	.04	.03	.03	.03	.04	.026	23	.06
21	.03	.01		.03	.03	.04	.03	.04	.03	.02	.02	.02		.05				.04	.05	.04	.04	.04	.04	.04	.04	.05	.034	20	.13
22	.04	.03		.02	.03	.03	.03	.04	.03	.03	.02	.03		.03	.03			.04	.05	.06	.08	.04	.04	.03	.02	.02	.035	21	.16
23	.02	.02		.02	.02	.02	.03	.03	.02	.01	.01	.01		.01	.00			.01	.03	.02	.02	.02	.01	.01	.01	.02	.017	21	.04
24	.02	.02		.03	.02	.02	.02	.03	.03	.03	.03	.02		.02	.02				.03	.03	.03	.03	.03	.03	.03	.03	.026	20	.05
25	.03	.02		.02	.02	.02	.03	.03	.02	.02	.02	.01		.01	.01	.01	.01	.02	.02	.03	.02	.03	.02	.02	.02	.02	.019	23	.04
26*	.01	.01		.01	.01	.01	.01	.01	.01	.02	.02	.01		.02	.02	.02	.02	.03	.03	.03	.03	.03	.03	.03	.03	.03	.019	23	.05
27*	.02	.02		.03	.03	.03	.02	.02	.02	.03	.02	.03		.01	.01	.01	.01	.01	.02	.02	.02	.02	.02	.02	.02	.02	.018	23	.04
28	.02	.02		.02	.02	.01	.02	.02	.01	.00	.01	.01			.02	.01	.01	.01	.02	.02	.02	.02	.02	.01	.01	.01	.015	22	.03
29	.01	.02		.02	.02	.01	.01	.01	.01	.01	.01	.01		.01	.01	.01	.01	.01	.02	.02	.03	.03	.03	.03	.03	.02	.011	23	.03
30	.00	.00		.02	.01	.02	.02	.02	.01	.01	.01	.00		.01	.01	.01	.01	.02	.03	.03	.03	.03	.03	.03	.03	.02	.016	23	.04
31	.03	.02		.03	.03	.03	.02	.02	.02	.01	.02	.01		.01	.01	.01	.01	.01	.03	.03	.03	.02	.02	.02	.02	.01	.019	23	.04
MEAN	.02	.02		.03	.02	.02	.03	.04	.03	.02	.03	.02		.02	.02	.02	.02	.02	.03	.03	.03	.03	.03	.03	.03	.02	.026		
NO.	31	31		29	31	31	30	29	31	29	30	31		30	28	21	22	27	31	31	31	31	31	31	31	31		678	
MAX	.05	.05		.11	.05	.05	.11	.14	.07	.06	.07	.06		.06	.06	.07	.06	.06	.08	.07	.08	.07	.06	.06	.06	.06	.057		.19

* Indicates Saturday or Sunday
Local standard time used

TABULATED THU., MAY 4, 1967

CONTINUOUS AIR MONITORING PROGRAM

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

PHILADELPHIA, PA.

CONCENTRATION IN PPM

POTASSIUM IODIDE ANALYSIS

TOTAL OXIDANT
APRIL 1966

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS	5-MIN MAX
1	.01	.01		.02	.02	.02	.02	.02	.01	.01	.01	.01	.01	.01						.03	.05	.03	.02	.01	.017	18	.07
2*	.02	.01		.03	.01	.01	.02	.02	.02	.02	.02	.01	.01	.01	.01	.01	.01	.02	.02	.02	.02	.02	.02	.02	.017	23	.06
3*	.02	.02		.02	.02	.02	.02	.02	.02	.02	.01	.01	.01	.01		.02	.03	.03	.03	.03	.02	.02	.02	.02	.019	22	.05
4	.02	.01		.02	.02	.02	.02	.03	.02	.02	.01	.01	.01	.02	.03	.01	.01	.03	.03	.02	.02	.02	.02	.02	.019	23	.05
5	.02	.02		.02	.02	.02	.02	.03	.03	.02	.02	.01	.01	.01	.01	.01	.01	.02	.02	.02	.03	.03	.03	.02	.019	23	.04
6	.02	.02		.02	.02	.02	.03	.03	.02	.01	.02	.01	.02									.00	.01	.01	.018	15	.04
7	.01	.02		.03	.03	.03	.03	.03	.02	.01	.01	.01	.01	.01					.03	.03	.03	.03	.03	.03	.022	19	.06
8	.03	.02		.02	.02	.02	.02	.03	.02	.03	.02	.01	.01	.01	.01	.02	.02	.02	.02	.03	.02	.02	.02	.02	.019	23	.04
9*	.01	.02		.03	.02	.02	.02	.02	.02	.03	.01	.01	.01	.01	.01	.01	.03	.03	.03	.03	.03	.03	.02	.02	.020	23	.04
10*	.02	.02		.02	.02	.02	.02	.02	.02	.02	.03	.02	.02	.02	.02	.02	.03	.04	.03	.03	.02	.02	.05	.05	.023	23	.06
11	.04	.03		.01	.01	.01	.01	.03	.02	.02	.01					.01	.01	.02	.02	.02	.02	.03	.03	.02	.021	19	.05
12	.01	.02		.02	.01	.02	.02	.02	.02	.02			.02	.01	.01	.01	.01	.02	.02	.02	.02	.02	.02	.02	.016	21	.04
13	.02	.02		.03	.03	.03	.02	.02	.02			.01	.01	.02	.02	.02	.02	.01	.01	.01	.02	.02	.01	.01	.017	21	.04
14	.02	.02		.02	.02	.02	.02	.03	.02	.01			.02	.02					.03	.02	.02	.02	.02	.02	.020	17	.04
15	.02	.01		.02	.02	.02	.02	.02	.04	.04	.03			.03	.02	.03	.03	.02	.01	.02	.02	.02	.03	.03	.023	21	.06
16*	.03	.03		.02	.02	.02	.03	.02	.02	.03	.04	.03	.03	.03	.03	.04	.03	.02	.02	.02	.02	.02	.02	.01	.024	23	.06
17*	.01	.01		.03	.02	.01	.01	.01	.03	.06	.05	.05	.03	.03			.04	.03	.02	.02	.02	.01	.02	.00	.023	21	.08
18	.02	.01		.01	.01	.01	.01	.01	.01	.01			.02	.01	.01	.01	.01	.03	.02	.02	.02	.02	.02	.02	.014	21	.03
19	.02	.02		.01	.01	.01	.01	.01	.01	.01	.02	.01	.02	.02	.02	.02	.01	.03	.02	.02	.02	.02	.02	.03	.016	23	.03
20	.03	.03		.03	.02				.02	.01		.01	.01	.01	.00	.00	.01	.01	.02	.01	.02	.02	.02	.01	.014	19	.03
21	.01	.01		.02	.02	.03	.03	.03	.03			.04	.06	.03					.03	.03	.02	.03	.03	.03	.028	17	.08
22	.04	.02		.03	.03	.03	.03	.03	.02		.02	.02	.02						.04	.04	.04	.04	.04	.04	.031	17	.06
23*	.04	.03		.02	.02	.01	.01	.01	.01	.01	.01	.03	.02			.03	.03	.02	.02	.01	.01	.01	.01	.02	.018	21	.05
24*																											
25																											
26		.02		.03	.02	.03	.05	.05		.02	.03	.04	.03	.03	.02	.03	.03	.02	.03	.03	.03	.03	.02	.02	.029	21	.07
27	.02	.02		.02	.02	.02	.01	.02	.02		.02	.02	.02	.02	.02	.02	.04	.03	.02	.02	.02	.03	.02	.02	.021	22	.05
28	.02	.02		.02	.02	.02	.02	.02	.01	.02		.01	.01	.02					.03	.03	.03	.03	.03	.02	.021	18	.04
29	.03	.03		.02	.02	.02	.03	.03	.02					.03	.03	.03	.04	.03	.04	.03	.03	.03	.03	.04	.029	19	.06
30*	.02	.02		.02	.03	.03	.03	.03	.02	.01	.01	.02	.03	.03	.03	.03	.03	.02	.02	.02	.02	.02	.02	.02	.022	23	.04
MEAN	.02	.02		.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.021		
NO	27	28		28	28	27	27	27	27	23	20	22	25	24	17	20	21	21	26	27	27	28	28	28		576	
MAX	.04	.03		.03	.03	.03	.05	.05	.04	.06	.05	.05	.06	.03	.03	.04	.04	.04	.04	.04	.05	.04	.05	.05	.031		.08

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., MAY 10, 1967

C-71

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of [illegible] and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

PHILADELPHIA, PA.

TOTAL OXIDANT
MAY 1966

CONCENTRATION IN PPM

POTASSIUM IODIDE ANALYSIS

DAY OF MONTH	AM 12	12 1	1 2	2 3	3 4	4 5	5 6	6 7	7 8	8 9	9 10	10 11	11 12	PM 12 1	12	2 3	3 4	4 5	5 6	6 7	7 8	8 9	9 10	10 11	11 12	DAILY MEAN	NO OF HRS	5 MIN MAX
1*	.03	.04		.03	.02	.02						.02	.02	.02		.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.022	18	.05
2	.03	.03	.04	.04	.02	.02	.02	.01	.01	.02	.03	.02	.03	.02	.02	.02	.02	.03	.02	.03	.03	.02	.03	.03	.03	.025	23	.05
3	.03	.03	.05	.06	.07	.06	.03	.02	.02	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.06	.04	.04	.03	.04	.034	23	.08
4	.03	.02	.01	.01	.02	.02	.01	.02	.03	.03	.03	.02			.02					.02	.01	.01	.01	.01	.00	.017	18	.04
5	.03	.04	.03	.02	.00	.00	.01	.00	.01	.01	.01	.01		.01	.01				.04	.04	.06	.04	.04	.03	.03	.021	20	.07
6	.03	.04	.04	.03	.04	.04	.04	.03	.04	.03	.04	.04		.05	.04	.04	.05	.07	.06	.05	.03	.03	.03	.03	.02	.038	23	.07
7*	.02	.02	.03	.03	.03	.02	.01	.03	.03	.02	.02	.02		.02	.04	.04	.04	.01	.01	.02	.02	.03	.04	.04	.05	.027	23	.05
8*	.05	.05	.04	.05	.04	.04	.03	.03	.04	.04	.04	.03		.02	.02	.02	.05	.06	.06	.03	.03	.02	.03	.03	.03	.036	23	.08
9	.02	.02	.03	.03	.02	.03	.02	.01	.02	.02	.03	.03		.03	.03	.03	.04	.02	.04	.04	.06	.03	.03	.02	.02	.027	23	.06
10	.02	.02										.02	.03	.02	.03	.02	.02	.03	.03	.03	.02	.01	.02	.01	.01	.020	16	.05
11	.01	.01	.00	.00	.00	.00	.00	.01					.02	.02	.01	.01	.01	.04	.02	.01	.01	.03	.01	.01	.02	.012	21	.04
12																												
13																												
14*	.03	.02	.02	.02	.02	.02	.02	.02	.02					.04	.04	.04	.04	.04	.03	.03	.03	.02	.03	.02	.02	.026	21	.06
15*	.02	.02		.02	.02	.01	.01	.02					.05	.06	.05	.08	.08	.07	.05	.04	.06	.04	.04	.03	.03	.039	20	.11
16																												
17																												
18																												
19																												
20																												
21*																												
22*																												
23																												
24																												
25																												
26																												
27	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.03	.02	.02	.02	.02	.02	.01	.01	.01	.01	.01	.01	.017	23	.03
28*	.01	.01	.01	.01	.01	.01	.02	.02	.02	.02	.02	.02	.03	.03	.03	.02	.02	.03	.02	.03	.02	.02	.03	.03	.02	.019	23	.04
29*	.02	.03	.02	.02	.02	.02	.02	.02	.03	.03	.03	.03	.04	.05	.06	.06	.06	.06	.05	.03	.02	.02	.02	.02	.02	.031	23	.07
30	.02	.03	.03	.03	.03	.03	.03	.03	.04	.04	.04	.04	.04	.05	.06	.06	.05	.06	.05	.04	.03	.03	.02	.03	.04	.037	23	.07
31	.02	.02	.02	.02	.02	.03	.03	.02	.02	.02	.02	.02	.03	.03	.03	.03	.04	.03	.03	.03	.03	.03	.02	.02	.02	.024	23	.06
MEAN	.02	.03		.03	.02	.02	.02	.02					.03	.03	.03	.03	.04	.04	.03	.03	.03	.02	.03	.02	.02	.027		
NO	18	18	15	17	17	17	16	16	14	15	15	15	17	17	17	16	16	16	17	18	18	18	18	18	18		387	
MAX	.05	.05	.05	.06	.07	.06	.04	.04	.04	.04	.04	.04	.05	.06	.06	.08	.08	.07	.06	.05	.04	.04	.04	.04	.05	.039		.11

TABULATED THU., MAY 4, 1967

* Indicates Saturday or Sunday

Local standard time used

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of [illegible] and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONCENTRATION IN PPM

POTASSIUM IODIDE ANALYSIS

PHILADELPHIA, PA.

TOTAL OXIDANT
JUNE 1966

DAY OF MONTH	AM 12	1	2	3	4	5	6	7	8	9	10	11	12	PM 1	2	3	4	5	6	7	8	9	10	11	12	DAILY MEAN	NO. OF HRS	5-MIN MAX
1	.02	.02		.02	.01	.01	.01	.01	.01					.04	.04			.03	.03	.03	.03	.04	.03	.02	.02	.022	18	.04
2	.02	.02			.02	.02	.03	.03	.03	.03	.04	.04		.04	.04			.04	.04	.03	.04	.06	.07	.08	.05	.036	20	.12
3	.04	.03		.02	.02	.03	.03	.04	.04	.06	.07	.07		.08	.08	.08	.08	.09	.09	.08	.08	.06	.04	.04	.04	.054	23	.12
4*	.03	.03		.02	.03	.04	.05	.05	.08	.10	.11	.12		.13	.13	.13	.12	.12								.079	16	.15
5*																												
6	.03	.02		.03	.02	.03	.05	.05	.04	.05	.05	.07		.08	.08	.07	.07	.06	.07	.07	.06	.05	.05	.05	.05	.052	23	.09
7																												
8																												
9	.02	.03		.03	.02	.02	.01	.02	.04	.06	.11			.12	.13				.07	.08	.06	.05	.04	.03	.02	.050	19	.14
10	.02	.01			.00	.01	.01	.01	.00	.00	.00	.01		.02	.02	.03	.03	.03	.03	.04	.03	.03	.03	.03	.03	.018	22	.04
11*	.03	.03		.03	.03	.03	.03	.04	.04	.04	.04	.04		.04	.04	.04	.04	.04	.05	.07	.06	.05	.04	.03	.03	.039	23	.09
12*	.03	.02		.02	.02	.02	.02	.02	.03	.03	.03	.04		.04	.04	.04	.04	.03	.03	.03	.02	.02	.02	.02	.02	.026	23	.05
13	.02	.01		.01	.01	.02	.02	.02	.02	.02	.02	.03		.03	.02	.03	.04	.04	.04	.05	.04					.025	19	.06
14											.06	.09	.09	.07	.07	.06	.06	.05	.05	.04	.04	.04	.03	.02	.02	.02	.051	15	.12
15	.02	.02		.02	.02	.02	.02	.04	.04	.05	.06	.05		.05	.05	.05	.04	.04	.05	.04	.03	.04	.05	.04	.05	.038	23	.10
16	.08	.05		.03	.03	.04	.03	.04	.05	.06	.05	.06		.06	.06				.04	.04	.04	.04	.02	.03	.03	.043	20	.10
17	.02	.03		.02	.02	.02	.02	.02	.04	.05	.04	.05		.06				.05	.07	.06	.04	.03	.02	.02	.02	.033	20	.08
18*	.02	.02		.01	.00	.01	.01	.01	.01	.01	.09	.08		.07	.10	.12	.12	.11	.08	.09	.08	.08	.05	.02	.02	.058	23	.13
19*	.03	.02		.01	.01	.01	.02	.02	.05	.09	.07	.07		.07	.07			.11	.10	.08	.07	.05	.04	.02	.05	.050	21	.11
20	.04	.02		.02	.02	.02	.02	.02	.02	.04				.09	.11	.11	.10	.07	.08	.08	.07	.05	.04	.01	.01	.049	21	.13
21	.01	.01		.01	.01	.01	.01	.02	.04	.07	.09	.08		.08	.09	.07	.06	.06	.08	.06	.08	.04	.03	.03	.03	.044	23	.11
22	.02	.02		.03	.03	.02	.02	.02			.03	.04		.06	.08			.08	.08	.07	.06	.06	.03	.04	.05	.044	19	.10
23	.03	.03		.02	.02	.04	.06	.06	.07	.09	.07	.08		.08	.08					.06	.05	.04	.06	.06	.06	.055	19	.10
24	.05	.03		.03	.03	.02	.02	.04	.05	.06	.07	.09		.09	.09			.09	.10	.08	.07	.05	.05	.06	.05	.056	21	.10
25*	.05	.03		.03	.04	.03	.03	.05	.08	.09	.10	.10		.11	.11	.11	.11	.12	.10	.08	.09	.06	.06	.04	.05	.071	23	.19
26*	.05	.04		.05	.04	.04	.03	.04	.03	.04	.04	.03		.06	.12	.12	.13	.09	.08	.05	.05	.03	.03	.01	.01	.051	23	.17
27	.01	.00		.00	.00	.00	.00	.01	.04	.07	.10	.13		.16	.14	.14	.11	.12	.12	.08	.10	.06	.05	.04	.02	.064	23	.18
28	.02	.02		.01	.00	.00	.00	.00	.03	.08	.09	.12		.11	.12			.07	.07	.04	.03	.04	.02	.03	.03	.044	21	.13
29	.02	.04		.04	.02	.01	.01	.01	.03	.03	.05	.07		.08	.07			.08	.08	.07	.05	.03	.02	.03	.02	.040	21	.10
30	.01	.01		.00	.01	.01	.01	.02	.04	.06	.06	.07		.06				.07	.06	.06	.08	.06	.04	.04	.03	.038	20	.10
MEAN	.03	.02		.02	.02	.02	.02	.03	.04	.06	.06	.07		.07	.08			.07	.07	.06	.05	.05	.04	.03	.03	.046		
NO	26	26		24	26	26	26	26	26	25	25	24		27	25	15	15	24	25	26	24	25	25	25	25		562	
MAX	.08	.05		.05	.04	.04	.06	.06	.08	.11	.11	.13		.16	.14	.14	.13	.12	.12	.08	.10	.08	.07	.08	.06	.079		.18

* Indicates Saturday or Sunday

Local standard time used

TABULATED THU., MAY 4, 1967

C.73

CONTINUOUS AIR MONITORING PROGRAM

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

Air Quality Section, Laboratory of [illegible] and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

PHILADELPHIA, PA.

CONCENTRATION IN PPM

POTASSIUM IODIDE ANALYSIS

TOTAL OXIDANT
JULY 1966

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS	5 MIN MAX
1	.03	.02		.01	.01	.01	.01	.03	.03	.03	.04	.08	.11	.13	.15	.15	.15	.16	.14	.09	.07	.06	.05	.05	.069	23	.18
2*	.04	.04		.03	.07	.08	.10	.11	.09	.07	.09	.10	.10	.10	.11	.11	.10	.10	.14	.18	.12	.09	.05	.04	.088	23	.22
3*	.06	.03		.02	.02	.02	.03	.04	.05	.10	.11	.12	.13	.12	.10	.10	.10	.10	.09	.13	.14	.11	.09	.07	.081	23	.17
4																											
5																											
6																											
7																											
8																											
9*																											
10*																											
11																											
12																											
13																											
14		.04		.01	.01	.01	.01	.02	.03	.04	.06	.08	.09	.08			.05	.06	.05	.04	.03	.03	.02	.03	.039	20	.11
15	.03	.02		.02	.01	.01	.02	.01		.04	.04	.04	.08	.09	.08	.09	.08	.10	.12	.12	.10	.09	.05	.03	.057	22	.14
16*	.03	.03		.03	.03	.02	.02	.04	.04	.04	.06	.08	.09	.11	.12	.12	.12	.12	.08	.08	.05	.05	.03	.04	.061	23	.14
17*	.04	.04		.02	.02	.02	.03	.04	.05	.08	.17	.15	.15	.19			.10	.08	.08	.06	.04	.04	.03	.02	.067	21	.21
18	.02	.02			.02	.03	.03	.04	.06	.06	.07	.09	.13	.14	.13	.14	.14	.13	.09	.04	.04	.04	.04	.05	.070	22	.19
19	.09	.08		.07	.04	.03	.03	.03	.04	.09	.11	.10	.09	.08	.09	.07	.07	.05	.07	.08	.05	.03	.03	.02	.063	23	.14
20	.03	.04		.04	.02	.01	.01	.00	.03	.03	.04	.05	.05	.06	.06	.05	.05	.05	.05	.03	.03	.03	.02	.02	.034	23	.06
21	.02	.02		.02	.01	.02	.02	.03	.04	.05	.06	.06	.06	.07				.08	.09	.07	.05	.06	.06	.05	.046	20	.11
22	.02	.02		.02	.02	.03	.03	.06	.08	.13	.14	.12	.11	.13				.14	.10	.09	.10	.10	.09	.08	.080	20	.16
23*	.05	.04		.03	.05	.04	.05	.08	.10	.16	.13	.12	.10	.10	.12	.11	.10	.09	.08	.04	.03	.02	.02	.02	.073	23	.19
24*	.02	.03		.03	.02	.02	.05	.06	.12	.08	.07	.09	.10	.12	.11	.12	.08	.06	.07	.07	.05	.04	.04	.05	.064	23	.16
25	.06	.05		.02	.02	.02	.02	.04	.07	.10	.14	.14	.11	.11	.09	.08	.08	.07	.05	.05	.04	.04	.03	.02	.062	23	.18
26	.02	.02		.02	.02	.01	.01	.01	.03	.06	.10	.12	.13	.14			.12	.10	.10	.10	.06	.04	.03	.03	.059	21	.16
27	.02	.02		.05	.04	.03	.02	.03	.05	.06	.08	.11	.12	.11			.11	.10	.07	.06	.05	.04	.02	.02	.057	21	.14
28	.02	.03		.03	.03	.03	.02	.01	.00	.00	.03	.04	.05	.06			.06	.04	.02	.03	.01	.01	.00	.00	.025	21	.08
29	.00	.01		.01	.01	.01	.00	.01	.02	.05	.06	.08	.10				.05	.05	.05	.08	.03	.03	.03	.02	.034	20	.12
30*	.02	.02		.03	.03	.02	.02	.02	.03	.03	.03	.03	.04	.04	.05	.05	.06	.04	.05	.06	.03	.03	.03	.03	.033	23	.07
31*	.03	.03		.02	.02	.02	.04	.06	.08	.08	.09					.13	.14	.12	.07	.03	.02	.02	.02	.01	.054	19	.15
MEAN	.03	.03		.03	.02	.02	.03	.04	.05	.06	.08	.09	.10	.1			.09	.09	.08	.07	.05	.05	.04	.03	.058		
NO	20	21		20	21	21	21	21	20	21	21	20	20	19	12	13	19	21	21	21	21	21	21	21		457	
MAX	.09	.08		.07	.07	.08	.10	.11	.12	.16	.17	.15	.15	.19	.15	.15	.15	.16	.14	.18	.14	.11	.09	.08	.088		.22

* Indicates Saturday or Sunday
Local standard time used

TABULATED THU., MAY 4, 1967

CONTINUOUS AIR MONITORING PROGRAM

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

Air Quality Section, Laboratory of [illegible] and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

PHILADELPHIA, PA.

TOTAL OXIDANT
AUG. 1966

CONCENTRATION IN PPM

POTASSIUM IODIDE ANALYSIS

DAY OF MONTH	A.M. 12	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5 MIN MAX
1	.01	.01		.01	.02	.02	.02	.04	.07	.08			.06	.08	.11	.12	.12	.10	.08	.07	.05	.04	.04	.07	.055	19	.14
2	.07	.06		.05	.03	.04	.03	.02		.04	.08	.08	.04	.05	.07	.07	.06	.06	.04	.04	.05	.05	.03	.02	.050	22	.10
3	.05	.04		.04	.03	.02	.02	.02	.03	.03	.04	.04	.12	.11	.05	.05	.05	.04	.03	.02	.02	.02	.02	.02	.032	23	.06
4	.02	.02		.01	.01	.02	.03			.06	.08	.13					.06	.07	.08	.07	.08	.08	.06	.03	.059	19	.15
5																											
6*		.06		.05	.03	.02	.03	.03	.10	.19	.27	.30	.33	.26	.22	.23	.21	.14	.10	.12	.15	.15	.14	.11	.146	22	.38
7*	.05	.04		.03	.04	.08	.08	.13	.22	.19	.11	.10	.10	.11			.05	.06	.05	.08	.05	.04	.05	.04	.079	21	.28
8	.02	.02		.03	.03	.03	.02	.03	.04	.07			.12	.20	.29	.26	.23	.20	.13	.08	.04	.03	.02	.01	.088	21	.31
9	.02	.02			.01	.00	.00	.01	.01	.02	.03	.06	.07	.07	.06	.05	.04	.03	.04	.03	.01	.01	.01	.01	.028	22	.09
10	.01	.01		.01	.01	.01	.01	.01	.03	.05	.06	.07	.07	.07	.08	.09	.11	.09	.07	.08	.05	.03	.02	.01	.043	23	.12
11	.01	.01		.01	.00	.01	.00	.00	.00	.01	.02	.04	.05	.05			.02	.03	.01	.01	.01	.00	.00	.00	.014	21	.07
12	.00	.00		.00	.01	.01	.01	.01	.02	.03	.05	.07	.08	.09	.09	.09	.09	.08	.07	.08	.03	.03	.03	.03	.042	23	.11
13*	.03	.02		.02	.02	.02	.02	.03	.03	.04	.05	.05	.07	.09	.09	.09	.07	.07	.06	.06	.03	.03	.03	.03	.045	23	.10
14*	.03	.05		.02	.02	.03	.02	.04	.09	.11	.11	.12	.10	.09				.02	.02	.02	.03	.05	.05	.05	.052	20	.13
15	.05	.05		.05	.02	.02	.03	.04	.04	.03	.03	.05	.04	.07	.07	.05	.07	.08	.08	.08	.04	.04	.03	.01	.043	23	.09
16	.01	.00		.00	.00	.00	.00	.01	.02	.02						.08	.07	.06	.05	.04	.04	.04	.02	.01	.026	18	.08
17	.02	.02		.04	.04	.02	.02	.03	.03	.04	.05	.05	.06	.05	.06	.06	.05	.05	.04	.03	.02	.02	.03	.02	.036	23	.06
18	.02	.02		.02	.03	.03	.05	.09	.11	.08	.08	.08	.08	.09			.08	.09	.06	.07	.07	.04	.03	.03	.058	21	.17
19	.03	.01		.03	.03	.03	.02	.03		.07	.10	.13	.16	.16	.12	.12	.11	.10	.10	.06	.04	.03	.03	.02	.069	22	.18
20*	.04			.05	.04	.04	.03	.03	.03	.04	.03	.05	.07	.08	.11	.13	.13	.11	.07	.08	.04	.05	.04	.03	.057	22	.14
21*	.02			.02	.02	.01	.01	.02	.02	.05	.07	.07	.08			.10	.09	.07	.05	.02	.02	.02	.03	.03	.042	20	.11
22	.05			.06	.04	.03	.02	.01	.03	.03	.03	.03	.04	.08			.08	.08	.07	.08	.05	.03	.04	.03	.044	20	.10
23	.03	.04			.02	.01	.00	.00	.03	.04	.05	.04	.04	.04			.09	.06	.09	.08	.03	.02	.02	.02	.029	20	.07
24	.02	.04		.03	.02	.02	.02	.02	.03	.04	.05	.05					.06	.03	.02	.02	.02	.02	.02	.02	.026	19	.06
25	.01	.01		.01	.01	.01	.02	.02	.03	.05	.05	.05	.04	.04			.06	.09	.09	.04	.03	.03	.02	.02	.031	21	.06
26	.02	.03		.02	.02	.02	.03	.03	.04	.05	.06	.07	.07	.07	.07	.08	.06	.06	.05	.04	.03	.03	.03	.04	.043	23	.09
27*	.03	.03		.02	.02	.02	.01	.02	.04	.05	.06	.06	.07	.07			.08	.08	.05	.03	.03	.03	.03	.02	.039	21	.09
28*	.03	.02		.04	.04	.04	.03	.05	.06	.07	.09	.09	.09	09			.08	.07	.06	.04	.03	.04	.04	.05	.053	21	.10
29																											
30																											
31																											
MEAN	.03	.03		.03	.02	.02	.02	.03	.05	.06	.07	.08	.08	.09		.10	.08	.07	.06	.06	.04	.04	.03	.03	.049		
NO	26	24		25	27	27	27	26	24	27	24	24	24	23	14	16	26	27	27	27	27	27	27	27		573	
MAX	.07	.06		.06	.04	.08	.08	.13	.22	.19	.27	.30	.33	.26	.29	.26	.23	.20	.13	.18	.15	.15	.14	.11	.146		.38

* Indicates Saturday or Sunday
Local standard time used

TABULATED THU., MAY 4, 1967

0.75

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of [illegible] and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONCENTRATION IN PPM

POTASSIUM IODIDE ANALYSIS

PHILADELPHIA, PA.

TOTAL OXIDANT
SEPT. 1966

DAY OF MONTH	AM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	PM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5 MIN MAX
1																											
2																											
3*		.02		.02	.02	.02	.01	.02	.05	.08	.11	.11	.12	.12	.14	.09	.05	.03	.02	.02	.02	.02	.02	.02	.050	22	.15
4*	.01	.02		.03	.03	.04	.04	.04	.07	.08								.06	.02	.04	.02	.01	.01	.01	.033	16	.09
5	.02	.02			.02	.01	.01	.02	.03	.05	.06	.06	.06	.06	.07	.08	.08	.06	.04	.02	.02	.02	.01	.01	.038	22	.09
6	.02	.02		.03	.02	.02	.02	.02	.04	.04	.04	.05			.04	.05	.05	.04	.03	.02	.02	.02	.02	.01	.029	21	.06
7	.02	.01		.01	.01	.00	.00			.03	.03	.04	.04	.05	.04	.03	.04	.02	.02	.01	.01	.01	.01	.01	.020	21	.05
8	.01	.01		.01	.01	.01	.01	.02	.01	.03	.04	.05	.06	.05			.03	.04	.05	.03	.03	.03	.03	.02	.027	21	.07
9	.01	.01		.01	.01	.01	.02	.02	.02	.02	.03	.04	.05	.05	.05	.05	.05	.04	.03	.03	.03	.04	.05	.03	.029	23	.06
10*	.02	.03		.03	.02	.02	.03	.04	.05	.07	.08	.08	.08	.08			.09	.06	.04	.03	.04	.04		.04	.048	20	.09
11*																											
12		.04			.01	.01	.03	.03	.02	.01	.03	.03		.04	.05	.04	.03	.03	.02	.02	.02	.01	.01	.01	.024	20	.06
13	.01	.02			.01	.01				.02	.02	.03	.03	.04	.03	.03	.02	.02	.02	.01	.01	.01	.01	.01	.019	19	.04
14	.01	.01			.01	.00	.00	.00	.01	.01	.01	.01	.01	.00	.01	.01	.01	.01	.01	.00	.02	.01	.01	.01	.007	22	.03
15	.03	.03			.02	.02	.01	.01	.02	.02	.02	.02	.03						.02	.02	.02	.02	.02	.02	.019	17	.03
16	.01								.02	.03		.03	.04	.04			.04	.03	.04	.08	.10	.05	.03	.03	.041	14	.13
17*	.03	.03		.03	.03	.02	.03	.03	.03	.03	.05	.06	.07	.08	.09										.042	14	.11
18*																											
19								.07	.07	.06	.05	.09	.07	.09	.07	.06	.06	.05	.05	.02	.03	.02	.03	.03	.054	17	.11
20	.02	.02		.03	.03	.02	.03	.02	.02	.02	.02	.02	.02	.02	.03	.03	.05	.03	.02	.02	.03	.03	.03	.03	.024	23	.06
21	.03	.03		.03	.02	.02	.02	.01	.01	.01	.02	.02	.02	.02	.02	.01	.01	.01	.01	.01	.01	.01	.01	.01	.015	23	.04
22	.01	.01		.01	.01	.01	.01	.01	.02	.01	.02	.01	.01	.01			.02	.02	.01	.01	.02	.03	.02	.02	.014	21	.03
23	.03	.03		.02	.02								.04	.03	.03	.04	.03	.03	.03	.04	.05	.03	.02	.01	.028	16	.06
24*	.01	.01		.02	.02	.02	.02	.02	.03	.03	.04	.04	.03	.04	.04	.04	.03	.03	.03	.02	.02	.03	.03	.03	.026	23	.04
25*	.02	.02		.01	.01	.02	.03	.02	.02	.03	.02	.03	.03	.03	.04	.04	.03	.02	.02	.02	.02	.02	.02	.03	.023	23	.05
26	.02	.02		.01	.02	.02	.04	.05		.04	.04	.03	.03	.04	.04	.04	.04	.03	.03	.02	.02	.02	.02	.01	.028	22	.07
27	.02	.01		.02	.02	.05	.05	.05	.04						.00	.01	.01	.00	.00	.00	.00	.00	.00	.01	.015	18	.07
28	.00	.01			.00	.01	.01	.02	.02	.02	.01		.02	.02	.02	.03	.03	.02	.02	.02	.01	.01	.01	.01	.016	21	.05
29	.01	.02		.01	.02	.02	.03	.04	.04	.03	.03	.03	.04	.03			.02	.02	.02	.03	.02	.02	.01	.01	.022	21	.06
30	.01	.01		.01	.01	.01	.03	.03	.03	.03	.03	.04	.04	.04	.04	.04	.03	.03	.02	.02	.02	.02	.02	.01	.024	23	.05
MEAN	.02	.02		.02	.02	.02	.02	.03	.03	.03	.04	.04	.04	.04	.04	.04	.04	.03	.02	.02	.02	.02	.02	.02	.027		
NO	23	24		18	24	23	22	22	22	24	22	22	22	22	19	18	23	24	25	25	25	24	25			823	
MAX	.03	.04		.03	.03	.05	.05	.07	.07	.08	.11	.11	.12	.12	.14	.09	.09	.06	.05	.08	.10	.05	.05	.04	.054		.15

* Indicates Saturday or Sunday
Local standard time used

TABULATED THU., MAY 4, 1967

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONCENTRATION IN PPM

POTASSIUM IODIDE ANALYSIS

PHILADELPHIA, PA.

TOTAL OXIDANT
OCT. 1966

DAY OF MONTH	AM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	PM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS	5 MIN MAX
1*	.01	.01			.02	.02	.02	.02	.02	.02	.02	.02	.02		.03	.02	.02	.02	.02	.02	.02	.02	.03	.03	.020	21	.04
2*	.03	.02			.02	.02	.03	.02	.02	.02	.03	.04	.04	.04			.04	.04	.10	.26	.26	.23	.18		.083	20	.32
3	.17	.14			.09	.13	.16	.18	.14	.07	.05	.05	.07	.08		.08	.07	.06	.04	.04	.04	.02	.02	.04	.083	21	.25
4	.04	.06		.02	.02	.02	.03	.04	.03	.04	.04	.04				.04	.04	.01	.01	.00	.00	.00	.00	.00	.024	20	.07
5	.00	.00		.01	.01	.02	.01	.02	.02	.03	.03	.03	.05	.04	.04	.04	.03	.03	.02	.02	.02	.02	.02	.02	.023	23	.05
6	.02	.02		.01	.02	.02	.03	.03	.04	.04	.04	.03	.03	.04			.03	.03	.02	.02	.02	.02	.02	.01	.024	21	.04
7	.01	.02		.01	.02	.02	.03	.04	.05	.04	.05	.05	.05	.06	.05	.05	.05	.04	.04	.05	.04	.04	.04	.04	.037	23	.06
8*	.04	.05		.04	.04	.04	.05	.05	.06	.06	.08	.09	.09	.10	.09	.07	.05	.03	.03	.03	.03	.04	.05	.05	.054	23	.12
9*	.05	.05		.02	.02	.03	.02	.03	.04	.05	.06	.11	.09	.09			.07	.07	.06	.04	.03	.03	.03	.03	.047	21	.15
10	.04	.04			.03	.02	.03	.03	.03	.03	.03	.03	.03	.03	.04	.04	.03	.02	.03	.02	.03	.05	.07	.06	.034	22	.10
11	.02	.02		.02	.02	.03	.06	.06	.04	.04	.04	.05	.05	.05	.05	.05	.04	.03	.04	.03	.04	.03	.02	.02	.035	23	.07
12	.02	.02		.02	.02	.02	.02	.03	.03	.05	.04	.04	.04	.05	.04	.04	.03	.03	.02	.02	.02	.02	.02	.02	.028	23	.05
13	.02	.02		.04	.06	.06	.08	.09	.07	.05	.03	.03	.04	.07			.06	.05	.03	.03	.03	.03	.03	.03	.045	21	.11
14	.02	.02		.02	.02	.03	.05	.06	.05	.05	.05	.06	.07	.08	.08	.06	.05	.04	.05	.04	.03	.03	.03	.03	.045	23	.09
15*	.02	.02		.03	.03	.03	.04	.05	.05	.02						.06	.04	.03	.03	.03	.02	.03	.03	.03	.034	18	.07
16*																											
17																											
18																											
19																											
20	.02				.01	.02	.02	.03	.02			.04	.04	.04	.04	.04	.05			.03	.03	.03	.04	.03	.031	17	.08
21	.03	.02			.02	.04	.05				.04	.04				.06	.04	.03	.04	.03	.05	.05	.04	.06	.041	16	.07
22*	.05	.07			.05	.05	.05								.07	.07	.06	.04	.04	.03	.03	.02	.03	.03	.045	15	.09
23*	.04	.03			.02	.05	.04	.04	.05	.04	.04	.07	.08	.05			.05	.04	.03	.14	.06	.22	.17	.06	.066	20	.31
24	.11	.11										.04	.04	.04	.09	.04	.04	.04	.07	.08	.06	.05	.04	.05	.056	15	.13
25	.03	.03		.02	.03	.03	.04	.05	.04						.02	.05	.05	.04	.07	.09	.09	.07	.04	.04	.045	18	.13
26	.04	.03		.03	.03	.04	.07	.09	.04	.04	.04	.04	.05	.05	.05	.05	.05	.05							.046	17	.10
27																											
28	.20	.19		.08	.08	.09	.14	.15	.12	.09	.06	.07	.09	.09			.06	.14	.44		.41	.52		.52	.186	19	.60
29*	.33	.28		.21	.15	.18	.07	.07	.07	.06	.05	.07			.08	.06	.04	.03	.03	.03	.03	.03	.03		.094	20	.44
30*	.02	.02		.02	.02	.02	.03	.02	.03	.03	.03	.04	.04	.04	.04	.03	.03	.03	.04	.02	.04	.06	.09	.07	.034	23	.19
31	.24	.19		.03	.01	.01	.01	.03	.05	.03	.04	.05						.03	.03	.02	.03	.02	.02	.02	.047	18	.32
MEAN	.06	.06		.04	.03	.04	.05	.05	.05	.04	.04	.05	.05	.06		.05	.04	.04	.06	.05	.06	.07	.05	.06	.050		
NO	26	25		17	25	25	25	23	23	21	21	23	19	18	15	19	25	25	24	24	25	25	24	24		821	
MAX	.33	.28		.21	.15	.18	.16	.18	.14	.09	.08	.11	.09	.10	.09	.08	.07	.14	.44	.22	.41	.52	.23	.52	.186		.60

* Indicates Saturday or Sunday
Local standard time used

TABULATED THU., MAY 4, 1967

C-77

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of [illegible], and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONCENTRATION IN PPM

POTASSIUM IODIDE ANALYSIS

PHILADELPHIA, PA.

TOTAL OXIDANT
NOV. 1966

DAY OF MONTH	AM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	PM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5 MIN MAX
1	.02	.02			.02	.02	.03	.07		.04	.06					.06	.05	.04	.03	.03	.03	.04	.04	.02	.036	17	.08
2	.02	.02		.02	.02	.02	.02	.03	.04	.03	.02	.02	.02	.02	.01	.02	.02	.02	.01	.01	.01	.02	.02	.01	.019	23	.05
3	.02	.02		.02	.04	.03	.03	.03	.03	.02	.02	.03	.02	.02			.02	.02	.02	.02	.02	.02	.02	.02	.022	21	.04
4	.02	.01		.01	.01	.01	.02	.02	.02			.02	.03	.02			.03	.03	.03	.02	.02	.03	.04	.05	.023	19	.06
5*	.05	.05		.03	.03	.03	.04	.06	.06	.05	.05	.05	.05	.05	.05	.04	.03	.03	.03	.03	.03	.03	.03	.04	.040	23	.08
6*	.04	.04		.03	.03	.03	.03	.03	.03	.03	.04	.04	.05	.05			.04	.03	.02	.03	.03	.03	.03	.03	.033	21	.06
7	.04	.05		.05	.04	.04	.04	.07	.08	.05	.04	.05	.05	.04	.05	.04	.03	.03	.03	.03	.04	.04	.03	.04	.042	23	.11
8	.04	.03		.03	.03	.02	.02	.03	.03	.03	.04	.04	.04	.05	.05	.04	.04	.03	.03	.03	.03	.03	.03	.03	.034	23	.05
9																											
10																											
11		.02		.01	.02	.02	.03	.04	.04	.02	.03	.03	.02	.03	.03	.02	.01	.02	.03	.03	.03	.02	.03	.02	.025	22	.07
12*	.02	.02		.02	.02	.01	.02	.03	.03	.04	.04	.02	.04	.04	.03	.02	.02	.02	.02	.01	.01	.01	.02	.02	.023	23	.06
13*	.02	.02		.01	.01	.01	.02	.02	.03	.03	.03	.04	.04	.03					.03	.03	.03	.02	.01	.01	.023	19	.04
14	.01	.02						.02	.02	.02	.01	.02	.02	.03			.02	.03	.02	.03	.03	.02	.03	.03	.023	17	.03
15																											
16																											
17	.02	.02		.02	.02	.02	.03	.04	.05	.04	.03	.03	.03	.03			.04	.04	.05	.06	.05	.05	.05	.04	.036	21	.07
18	.03	.03		.03	.02	.03	.03	.04	.04	.04	.04	.04	.03	.03			.04	.03	.05	.03	.04	.05	.04	.04	.037	21	.06
19*	.03	.01		.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.01	.01	.01	.01	.01	.00	.017	23	.04
20*	.01	.01		.00	.00	.00	.00	.01	.01	.01	.01	.02	.02	.03			.01	.01	.00	.00	.00	.01	.00	.00	.008	21	.03
21	.04	.01		.00	.00	.00	.00	.00	.00			.00	.00	.00		.00	.01	.01	.01	.02	.03	.01	.00	.00	.007	20	.08
22	.00	.00		.00	.00	.00	.00	.01	.01					.00	.00	.00	.00	.01	.02	.10	.16	.07	.00	.09	.024	19	.19
23	.10	.11		.05	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.03	.04	.04	.03	.018	23	.16
24	.04	.09		.03	.06	.07	.09	.10	.06	.04				.02	.03	.03	.05	.07	.06	.08	.09	.20	.24	.23	.082	20	.27
25	.22	.20		.20	.14	.13	.17	.22	.12	.08	.06	.05	.05	.04			.05	.03	.04	.04	.06	.06	.04	.07	.100	21	.27
26*	.05	.06		.03	.02	.02	.03	.05	.05	.04	.02	.03	.03	.04			.03	.03	.04	.04	.07	.05	.05	.05	.040	21	.10
27*	.05	.04		.03	.04	.04	.03	.05	.03	.03	.03	.04	.04	.05	.04	.04	.05	.04	.04	.04	.03	.03	.03	.03	.037	23	.07
28	.02	.03		.04	.04	.03	.04	.04	.03	.03	.03	.04	.04	.03			.03	.03	.03	.03	.02	.02	.01	.01	.028	21	.04
29																											
30																											
MEAN	.04	.04		.03	.03	.03	.03	.04	.04	.03	.03	.03	.03	.03			.03	.03	.03	.03	.04	.04	.03	.04	.032		
NO	23	24		22	23	23	23	24	23	21	20	21	21	23	11	13	23	23	24	24	24	24	24	24		509	
MAX	.22	.20		.20	.14	.13	.17	.22	.12	.08	.06	.05	.05	.05	.05	.06	.05	.07	.06	.10	.16	.20	.24	.23	.100		.27

* Indicates Saturday or Sunday
Local standard time used

TABULATED THU., MAY 4, 1967

CONTINUOUS AIR MONITORING PROGRAM

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

Air Quality Section, Laboratory of Chemistry and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

PHILADELPHIA, PA.

CONCENTRATION IN PPM

POTASSIUM IODIDE ANALYSIS

TOTAL OXIDANT
DEC. 1966

DAY OF MONTH	A.M. 12	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS	5 MIN MAX
1		.00	.00	.00	.00	.00	.00	.00	.02	.02	.02	.02	.02											.01	.007	13	.05
2																											
3*	.01	.01		.00	.00	.00	.00	.00	.00	.01	.01	.01	.02	.02			.01	.01	.01	.01	.01	.01	.01	.01	.008	21	.03
4*	.01	.00		.00	.00	.00	.00	.00	.00	.00	.01	.01	.01	.01				.01	.00	.00	.00	.00	.00	.00	.003	20	.03
5	.00	.00		.00	.00	.00	.00	.00	.00		.03	.03	.03	.03			.03	.03	.03	.03	.03	.03	.05	.05	.020	20	.09
6	.05	.06		.03	.03	.03	.05	.07	.07	.05	.04	.04	.05	.05	.08	.05	.06	.08	.07	.05	.06	.08	.06	.05	.054	23	.11
7	.04	.03		.02	.02	.03	.04	.05	.05	.04	.03	.03	.04	.04			.04	.05	.04	.03	.03	.04	.03	.03	.036	21	.07
8	.03	.06			.03	.05	.06	.08	.09	.08	.07	.07					.06	.09	.06	.06	.04	.04	.06	.06	.060	18	.13
9	.05	.04		.03	.03	.04	.05	.09	.08	.06	.06	.07	.05	.05			.06	.08	.07	.07	.06	.06	.05	.05	.055	21	.12
10*	.06	.06		.05	.03	.03	.01	.02	.02	.03	.04	.04	.04	.04	.04	.04	.03	.03	.03	.03	.03	.03	.03	.03	.033	23	.08
11*	.03	.03		.02	.02	.02	.02	.02	.02	.02	.02	.03	.03	.03			.03	.03	.03	.03	.03	.03	.02	.03	.029	21	.04
12	.03										.04	.04	.04	.03	.03	.04	.03	.04	.04	.03	.02	.02	.02	.02	.030	15	.05
13	.01	.02		.02	.01	.02	.03	.04	.04		.03	.03	.04	.05	.06	.05	.06	.06	.05	.04	.03	.02	.03	.03	.034	22	.07
14	.03	.03		.02	.03	.03	.03	.04	.05	.05	.04	.03	.04	.05	.04	.04	.04	.06	.04	.03	.02	.03	.03	.03	.035	23	.07
15	.02	.02		.02	.02	.02	.02	.03				.04	.04	.03			.03	.04	.03	.03	.04	.03	.02	.07	.030	18	.10
16	.07	.04		.02	.02	.05	.10	.10	.04	.03	.04	.04	.03	.04	.04	.05	.05	.04	.04	.03	.06	.05	.05	.05	.047	23	.16
17*	.05	.04		.05	.05	.05	.07	.09	.09	.10	.10	.07	.07	.05	.04	.04	.04	.05	.04	.07	.06	.03	.03	.05	.058	23	.11
18*	.05	.05		.04	.04	.02	.03	.03	.03	.04	.05	.05	.05	.05			.04	.05	.06	.10	.07	.03	.02	.02	.044	21	.14
19	.02	.02		.02	.03	.03	.02	.03	.02	.02	.02		.03	.03			.02	.01	.01	.01	.00	.01	.01	.01	.018	20	.04
20	.00	.01		.00	.00	.01	.01	.02	.03	.05	.06						.02	.05	.05	.04	.02	.03	.03	.02	.023	18	.07
21	.03	.03		.02	.02	.02	.02	.02	.03	.02	.02	.02	.02	.03	.03	.03	.03	.04	.02	.02	.02	.02	.02	.02	.024	23	.05
22	.02	.01		.00	.01	.01	.02	.01	.02	.03	.01	.02	.02	.02				.02	.02	.02	.02	.02	.02	.02	.018	20	.09
23	.02	.02		.01	.01	.01	.01	.01	.01	.01	.01	.02	.02	.01			.01	.02	.02	.01	.01	.02	.01	.01	.014	21	.09
24*	.01	.01		.02	.02	.01	.01	.02	.02	.02	.02	.02	.01	.02	.02	.01	.01	.02	.01	.01	.02	.03	.03	.04	.017	23	.04
25*	.02	.02		.02	.03	.02	.02	.02	.02	.02	.03	.03	.04	.04			.03	.02	.02	.02	.02	.01	.02	.01	.023	21	.04
26	.02	.02			.02	.01	.01	.02	.01	.01	.03	.03	.03	.03	.03	.03	.02	.02	.02	.01	.01	.01	.01	.02	.018	22	.04
27	.02	.01		.01	.01	.01	.01	.01	.02	.01	.02	.02	.02	.02	.02	.02	.01	.01	.02	.02	.02	.02	.02	.02	.016	23	.07
28	.01	.02		.01	.00	.00	.00	.00	.01	.01	.02			.01	.02	.01	.02	.02	.01	.01	.02	.01	.02	.02	.011	21	.05
29	.02	.02		.02	.04	.04	.03	.04	.04	.03	.03	.02	.02	.02			.03	.02	.01	.01	.01	.01	.01	.02	.023	21	.09
30	.01	.01		.02	.02	.02	.02	.02	.02	.02			.03	.03	.03	.02	.02	.02	.02	.02	.02	.02	.01	.02	.019	21	.05
31*	.01	.01		.01	.01	.01	.01	.03	.03	.03	.02	.02	.03	.03			.02	.02	.01	.02	.02	.02	.02	.06	.020	21	.09
MEAN	.03	.02		.02	.02	.02	.02	.03	.03	.03	.03	.03	.03	.03			.03	.03	.03	.03	.03	.03	.03	.03	.028		
NO	29	29	1	27	29	29	29	29	28	26	28	26	27	27	13	13	27	29	29	29	29	29	29	30		621	
MAX	.07	.06	.00	.05	.05	.05	.10	.10	.09	.10	.10	.07	.07	.05	.08	.05	.06	.09	.07	.10	.07	.08	.06	.07	.060		.16

* Indicates Saturday or Sunday
Local standard time used

TABULATED THU., MAY 4, 1967

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TABULATED 03/21/67

CONTINUOUS AIR MONITORING PROGRAM
AISI SPOT (COH/1000 LIN.FT.)

PHILADELPHIA PENNSYLVANIA — JAN/66

DAY OF MONTH	TIME (STARTING HOUR) 0000	0200	0400	0600	0800	1000	1200	1400	1600	1800	2000	2200	AVG	N (1)	MAX (2)
01															
02															
03								1.9	2.3	2.2	1.9	2.2			
04	2.4	2.7	2.4	1.8	2.8	1.5	1.5	1.9	3.6	3.4	5.2	4.4	2.85	12	5.2
05									7.6	4.1	5.0	3.8			
06	3.0	2.9	2.8	2.6	3.0	2.5	2.5	3.0	3.1	2.2	2.3	2.8	2.75	12	3.1
07	3.1	2.6	2.4	4.6	3.3	1.6	2.3	2.7	5.0	4.8	4.0	4.7	3.47	12	5.0
08	4.4	2.8	1.3	1.0											
09															
10															
11															
12															
13															
14															
15															
16															
17															
18															
19															
20						1.1	0.1	1.1	1.9	1.4	1.3	0.9	1.18	07	1.9
21	1.6	1.2	1.1	1.9	1.7	1.7	1.9	1.4	1.4	1.3	1.6	2.6	1.65	12	2.6
22	3.8	3.9	3.3	2.0	2.9	2.3	1.6	1.1	1.7	1.3	0.9	1.3	2.20	12	3.9
23	0.3	0.9	0.6	0.9	1.1	0.7	1.0	0.5	0.8	1.3	0.6	0.5	0.85	12	1.3
24	0.5	0.8	1.0	1.2	1.4	0.7									
25															
26															
27															
28															
29															
30															
31									2.1	1.6	1.8	2.0			
AVG															
N(3)													3.47	079	
MAX*															5.2

(1) N=NUMBER OF VALID 2-HR SPOTS
(2) MAX=MAXIMUM 2-HR COH (DY)
(3) N=DAYS WITH VALID VALUES
* MAX=MAXIMUM 2-HR COH (MO)
VALUES GREATER THAN 6.0 UNDERESTIMATE ACTUAL VALUE

TABULATED 03/21/67

CONTINUOUS AIR MONITORING PROGRAM
AISI SPOT (COH/1000 LIN.FT.)

DAY OF MONTH — TIME (STARTING HOUR) — PHILADELPHIA PENNSYLVANIA — FEB/66

DAY OF MONTH	0000	0200	0400	0600	0800	1000	1200	1400	1600	1800	2000	2200	AVG	N (1)	MAX (2)
01	1.6	1.9	2.0	2.6	2.2	2.0	1.5	1.7	1.9	1.7	2.3	2.8	2.06	12	2.8
02	2.6	2.6	2.0	2.3	2.5	2.2	2.0	2.9	1.3	1.4	1.0	1.5	2.05	12	2.9
03	0.4	0.5	0.8	0.9	1.1	1.3	0.7	1.6	0.8	1.2	1.1	1.7	1.05	12	1.7
04	1.2	1.1	1.3	1.5	0.9	0.7	0.7	0.6	1.0	0.8	0.8	0.7	0.97	12	1.5
05	1.0	0.9	0.0	0.6	0.9	0.6		0.0	0.4	0.8	0.6	0.4	0.57	11	1.0
06	0.1	0.4	0.4	0.4	0.1	0.2		0.2	0.3	1.0	0.5	0.3	0.40	11	1.0
07	0.9	0.5	0.9	1.2	1.1	3.5	3.2	4.6	5.8	4.7	3.7	2.9	2.78	12	5.8
08	3.4	3.3	2.5	3.0	3.1	2.6	2.1	2.5	3.4	5.3	5.8	5.3	3.55	12	5.8
09	8.5	7.9	6.8	8.8	9.2	3.7	2.0	2.4	2.7	2.0	1.8	1.6	4.84	12	9.2
10	1.5	1.3	0.7	2.2	2.2	0.0				1.7	1.6	2.1	1.91	09	2.2
11	0.9	3.4	5.8	3.2	1.9	2.1	2.6	4.2	3.5	5.4	5.1	5.1	3.65	12	5.8
12	7.1	4.9	3.4	6.1	2.9	1.6	0.9	1.7	2.0	2.6	2.5	1.7	3.15	12	7.1
13	1.9	1.1	0.9	1.0	0.7	1.4	1.7	1.1	0.9	0.6	0.8	0.4	1.07	12	1.9
14	1.1	0.6	0.7	1.8	0.9	0.8	1.4		1.4	2.2	3.1	4.4	1.69	11	4.4
15	3.2	1.9	2.5	2.6	2.6	1.5	0.8	1.1	1.3	1.1	1.3	0.9	1.77	12	3.2
16	1.8	1.2	0.4	1.9	2.3	1.6	1.3	3.1	3.5	2.4	1.7	1.4	1.93	12	3.5
17	1.3	1.3	0.8	0.8	1.4	0.9	0.8	0.7	1.5	0.6	1.4	2.1	1.17	12	2.1
18	4.0	4.1	3.7	4.7	4.6	2.2	2.0	1.8	2.1	1.9	1.3	1.8	2.90	12	4.7
19	1.8	1.6	2.2	2.3	1.5	1.6	1.1	1.1	1.3	0.3	1.6	0.6	1.48	12	2.5
20	0.4	0.3	0.5	0.3		0.5	0.2	0.4	0.9	1.0	0.9	0.9	0.62	11	1.0
21	1.0	0.8	0.6	1.4	0.8				1.1	1.4	0.9	1.5	1.10	09	1.5
22	1.2	1.0	0.9	1.1	0.7	0.1	0.5	1.1	1.6	0.5	1.4	1.4	0.98	12	1.6
23	0.5	1.2	1.1	1.5	1.5	1.1	0.5	1.4	2.9	2.0	2.6	1.7	1.53	12	2.9
24	1.2	2.2	3.2	3.2	2.5	1.6	3.3	2.2	3.4	1.8	1.6	1.4	2.33	12	3.4
25	1.2	1.2	0.7	1.3	0.9	1.4	0.9	2.1	3.1	2.0	1.8	2.1	1.61	12	3.1
26	1.8	1.8	0.8	2.0	1.6	1.2	0.6	0.6	0.8	1.3	0.4	0.5	1.15	12	2.0
27	0.3	1.0	2.4	1.8	1.3	1.5	1.1	1.1	1.0	1.4	1.5	1.3	1.34	12	2.4
28	1.5	1.0	1.2	1.6	2.9	3.1	3.4	4.1	4.3	1.6	0.8	0.9	2.24	12	4.3
29															
AVG	1.90	1.82	1.75	2.22	1.99	1.50	1.47	1.77	2.00	1.81	1.78	1.76	1.79		
N(3)	28	28	28	28	27	27	24	25	27	28	28	28		326	
MAX@	8.5	7.9	6.8	8.8	9.2	3.7	3.4	4.6	5.8	5.4	5.8	5.3	4.84		9.2

(1) N=NUMBER OF VALID 2-HR SPOTS
(2) MAX=MAXIMUM 2-HR COH (DY)
(3) N=DAYS WITH VALID VALUES
@ MAX=MAXIMUM 2-HR COH (MO)
VALUES GREATER THAN 6.0 UNDERESTIMATE ACTUAL VALUE

C-81

TABULATED 04/10/67

CONTINUOUS AIR MONITORING PROGRAM
AISI SPOT (COH/1000 LIN.FT.)

DAY OF MONTH — TIME (STARTING HOUR) — PHILADELPHIA PENNSYLVANIA — MARCH/66

DAY OF MONTH	0000	0200	0400	0600	0800	1000	1200	1400	1600	1800	2000	2200	AVG	N (1)	MAX (2)
01	1.4	1.0	1.5	2.4	2.1	1.4	1.2	1.2	1.4	1.2	1.3	0.9	1.46	12	2.4
02	0.6	0.4	1.3	1.8	1.8	0.9	0.9	1.1	1.4	2.1	2.2	2.9	1.48	12	2.9
03	4.1	3.5	7.4	11.2	7.4	4.2	1.5	2.1	2.4	2.6	3.1	3.1	4.58	12	11.2
04	3.8	3.1	3.4	2.9	3.8	3.2	3.9	3.3	4.6	3.1	2.3	2.1	3.49	12	5.3
05	2.5	1.6	1.2	1.8	3.5	4.0	0.3	1.3	0.7	1.6	0.7	1.0	1.71	12	4.0
06	0.4		0.7	0.6	0.2	0.4	0.2	0.3	0.6	1.0	0.6	1.1	0.59	11	1.1
07	1.8	1.9	1.8	0.9	1.1	0.7	0.9	0.8	1.1	0.9	1.5	1.1	1.24	12	1.9
08	1.1	0.8	0.7	1.2	1.0	0.3	0.5	0.8	1.1	1.2	1.3	0.9	0.96	12	1.3
09	1.4	0.8	1.2	2.0	2.0	2.1	1.1	0.9	2.4	1.3	1.9	2.6	1.69	12	2.6
10	3.4	3.4	2.8	2.4	2.7	0.8	1.1	1.4	1.8	1.9	1.2	2.0	2.12	12	3.4
11	2.9	2.4	2.1	2.4	3.2	3.7	4.9	3.6	4.6	3.6	2.9	2.2	3.22	12	4.6
12	1.2	1.5	1.9	1.7	1.4	0.9	1.1	0.9	1.3	0.5	0.6	0.1	1.07	12	1.7
13	0.3	0.3	0.6	0.9	0.9	0.6	1.1	0.8	0.8	0.5	1.6	0.8	0.80	12	1.6
14	0.7	0.4	0.4	0.6	1.1	1.4	1.4	1.8		2.4	1.9	2.3	1.34	11	2.4
15	1.7	1.2	2.0	2.2	1.7		0.9	1.2	1.2	1.3	1.9	1.4	1.90	11	2.2
16	1.5	2.4	1.0	0.8	1.1	1.1	1.0	1.0	0.2	0.6	1.0	0.6	1.06	12	2.4
17	1.7	1.8	1.0	1.8	1.9	2.3	2.0	0.7	0.5	1.1	1.1	1.9	1.50	12	2.3
18	1.1	2.1	1.5	2.0	0.9	2.3	1.9	1.5	1.9	1.6	1.3	1.2	1.66	12	2.3
19	1.1	1.1	1.0	1.5	1.1	1.1	1.9	0.9	0.9	1.3	1.0	1.0	1.19	12	1.9
20	0.6	0.8	1.1	0.8	1.1	1.1	0.2	0.8	0.3	0.2	0.7	0.8	0.74	12	1.1
21	0.4	1.2	0.9	0.8	1.3	1.5	0.8	0.7	2.0	2.0	2.2	2.4	1.37	12	2.4
22	2.9	3.2	2.6	2.1	1.6	0.6	1.5	1.5	2.7	4.4	3.5	2.0	2.63	12	4.4
23	1.3	1.6	1.5	2.0	2.3	1.7	1.2	1.0	1.7	1.4	1.3	1.0	1.56	12	2.3
24	0.9	1.0	1.8	2.9	3.0	2.4	2.2	1.6	0.9	0.6	0.7		1.67	11	3.0
25	1.0	0.3	1.6	1.9	0.6	1.1	1.0	0.7	1.1	1.0	1.5	1.4	1.16	12	1.9
26	1.1	1.5	2.1	1.6	0.9	0.8	0.6	0.9	0.8	0.6	1.2	0.6	1.08	12	2.1
27	1.6	0.4	0.3	0.4	0.3	0.0	0.6	0.3	0.1	0.5	0.7	0.2	0.50	12	1.6
28	0.3	0.3	0.8	1.0	1.0	1.0	0.8	0.6	1.9	1.2	0.9	0.6	0.89	12	1.9
29	0.5	0.3	1.0	0.7	1.4	0.6	0.9	0.3	1.3	0.9	1.4	1.8	0.97	12	1.8
30	1.2	1.1	1.1	1.3	1.9	1.6	0.9	1.1	1.0	0.4	0.7	0.8	1.14	12	1.9
31	0.7	0.5	0.6	1.0	0.6	0.4	0.7	0.5	0.7	0.7	0.5	0.8	0.68	12	1.0
AVG	1.46	1.45	1.55	1.85	1.74	1.47	1.23	1.19	1.44	1.41	1.44	1.38	1.45		
N(3)	31	30	31	31	31	30	31	31	30	31	31	30		368	
MAX*	4.1	3.5	7.4	11.2	7.4	4.2	3.9	3.3	4.6	4.4	3.5	3.1	4.58		11.2

(1) N=NUMBER OF VALID 2-HR SPOTS
(2) MAX=MAXIMUM 2-HR COH (DY)
(3) N=DAYS WITH VALID VALUES
* MAX=MAXIMUM 2-HR COH (MO)
VALUES GREATER THAN 6.0 UNDERESTIMATE ACTUAL VALUE

TABULATED 03/21/67

CONTINUOUS AIR MONITORING PROGRAM
AISI SPOT (COH/1000 LIN.FT.)

PHILADELPHIA PENNSYLVANIA — APRIL/66

DAY OF MONTH	TIME (STARTING HOUR) 0000	0200	0400	0600	0800	1000	1200	1400	1600	1800	2000	2200	AVG	N (1)	MAX (2)
01	0.7	0.4	0.9	1.6	1.3	0.9	0.5	1.3	0.8	1.7	1.3	0.7	1.06	12	1.7
02	0.8	1.3	0.4	0.7	0.7	0.3	0.2	0.4	0.7	0.6	0.8	0.6	0.66	12	1.3
03	0.8	0.3	0.7	1.1	0.3	0.5	0.5		0.4	0.7	0.8	0.4	0.64	11	1.1
04	0.7	0.9	0.9	0.8	1.2	0.5		1.1	1.3	0.7	0.1		0.87	10	1.3
05			0.7	0.9	0.2	0.6	0.9		0.2	0.2	0.4		0.39	08	0.9
06	0.4	0.9	1.2	1.5	0.6	0.8	0.4	0.4	0.6	0.6	0.6	0.4	0.72	12	1.5
07	0.6	1.5	2.8	2.4	0.8	0.4	0.4	0.3	0.6	0.5	0.1	0.7	0.97	12	2.8
08	0.8	0.8	1.0	0.7	0.7	0.3	0.5	0.5	0.3		0.0	0.5	0.58	11	1.0
09		0.3	0.3	0.5	0.1	0.2	0.3	0.2	0.2	0.5	0.1	0.4	0.32	11	0.5
10	0.2	0.7		0.4	0.1	0.4	0.2	0.5	0.3	0.1	0.1	0.7	0.37	11	0.7
11	0.4	0.4	0.3	0.7	0.3	0.6	0.1		0.2	0.1	0.8	1.4	0.53	11	1.4
12	0.3	0.8	1.5	1.8	2.0	1.2	1.0	0.4	1.1	0.6			1.11	10	2.0
13	0.1			0.1	0.1			0.1	0.1	0.2	0.5	0.7	0.26	08	0.7
14	0.1	0.6	0.5	1.3	0.1	0.2	0.3	0.4	0.3	0.5	0.1	0.0	0.41	12	1.3
15	0.1	0.1		0.1	0.3	0.4	0.1	0.2	0.3	0.9		0.5	0.33	10	0.9
16	0.8	0.7	0.7	1.1	0.7	0.4	0.3		0.2	0.1	0.7	0.3	0.60	11	1.1
17	0.0	0.1	0.3	0.7	0.4	0.2	0.2	0.9	0.3	0.1	0.3	0.2	0.35	12	0.9
18	0.5	0.3	0.4	0.9	1.0	0.5		1.0	1.2	0.4	1.1	1.4	0.86	11	1.6
19	1.5	0.3	0.5	0.3	0.2	0.3		0.4	0.1	0.1		0.2	0.43	10	1.5
20	0.4	0.8	0.6	0.5	0.5	0.4	0.4		0.7	0.2	0.6	0.0	0.50	11	0.8
21	0.0	0.2	0.6	1.0	0.7	0.4	0.3	0.5	0.0	0.2	0.0	0.6	0.42	12	1.0
22	0.1	0.3	0.4	0.6	0.3	0.2	0.3	0.6	0.4		0.2	0.2	0.36	11	0.6
23	1.0	0.3	0.7	0.2	0.4	0.2	0.3	0.2	0.3	0.2	0.6	0.6	0.48	12	1.0
24	0.3	0.2	0.5	0.3	0.2		0.0		0.2	0.2	0.3	0.3	0.31	10	0.5
25		0.3	0.6	0.5	0.3	0.1		0.3	0.4	0.9	0.7	0.7	0.53	10	0.9
26	0.4	0.4	0.9	1.5	0.5	0.6	0.2	0.1				0.2	0.56	09	1.5
27	0.2	0.1	0.2	1.0	0.3	0.5	0.4	0.5	0.6	0.5	0.6		0.49	11	1.0
28	0.0	0.7		0.1		0.2	0.2	0.4	0.0	0.1	0.4	0.4	0.30	10	0.7
29	0.4	0.4	0.5	0.3	0.5	0.3	0.1		0.3				0.40	08	0.5
30								0.1							
AVG	0.44	0.52	0.72	0.81	0.52	0.42	0.33	0.48	0.43	0.48	0.45	0.51	0.51		
N(3)	26	27	25	29	28	27	24	22	28	25	24	24		309	
MAX*	1.5	1.5	2.8	2.4	2.0	1.2	1.0	1.3	1.3	1.7	1.3	1.6	1.11		2.8

(1) N=NUMBER OF VALID 2-HR SPOTS
(2) MAX=MAXIMUM 2-HR COH (DY)
(3) N=DAYS WITH VALID VALUES
* MAX=MAXIMUM 2-HR COH (MO)
VALUES GREATER THAN 6.0 UNDERESTIMATE ACTUAL VALUE

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TABULATED 03/21/67

CONTINUOUS AIR MONITORING PROGRAM
AISI SPOT (COH/1000 LIN.FT.)

PHILADELPHIA PENNSYLVANIA — MAY/66

DAY OF MONTH	TIME (STARTING HOUR) 0000	0200	0400	0600	0800	1000	1200	1400	1600	1800	2000	2200	AVG	N (1)	MAX (2)
01		0.4			0.6			0.2			0.2	0.1			
02		0.1			0.1					0.3		0.6			
03	1.2	2.1	2.1	1.4	0.4		0.2	0.3	0.4	0.7	1.0		1.00	10	2.1
04	0.1		0.4	0.2	0.1		0.2	0.0	0.5				0.25	07	0.5
05		0.2			0.1										
06	0.1		0.1	0.1					0.4	0.4	0.5	0.0	0.20	07	0.5
07	0.3		0.2	0.1	0.2		0.2	0.0		0.3			0.21	07	0.3
08		0.3	0.3			0.5						0.2			
09	0.1		0.1			0.1			0.5	0.9	0.4	0.4	0.39	07	0.9
10	0.3	0.3	0.8	0.7	0.2	0.5	0.6	0.1	0.5	0.4	1.8	1.2	0.65	12	1.8
11	0.6	0.5	1.5	1.6	0.9	0.3	0.5	0.8	1.0	0.9	0.8	0.6	0.88	12	1.6
12	0.6	1.1	1.4	1.2	0.9	0.7	0.6	0.2	0.7	0.4	0.5	0.6	0.79	12	1.4
13	0.2	0.7	0.7	1.0	0.6	0.5	0.5	0.7	0.4	0.6	0.3	0.5	0.60	12	1.0
14	0.4	0.6	0.2	0.8	0.7	0.5	0.6	0.7	0.7	0.4	0.3	0.6	0.58	12	0.8
15	0.7	1.4	1.9	1.3	0.6	0.7	0.0	0.5	0.2	0.6	0.6	0.2	0.77	12	1.9
16	0.4	1.0	2.0	1.4	0.7	0.8									
17															
18															
19															
20															
21															
22															
23															
24															
25															
26															
27															
28															
29															
30															
31															
AVG															
N(3)														110	
MAX*													1.00		2.1

(1) N=NUMBER OF VALID 2-HR SPOTS
(2) MAX=MAXIMUM 2-HR COH (DY)
(3) N=DAYS WITH VALID VALUES
* MAX=MAXIMUM 2-HR COH (MO)
VALUES GREATER THAN 6.0 UNDERESTIMATE ACTUAL VALUE

TABULATED 03/21/67

CONTINUOUS AIR MONITORING PROGRAM
AISI SPOT (COH/1000 LIN.FT.)

DAY OF MONTH	TIME (STARTING HOUR) 0000	0200	0400	0600	0800	1000	1200	1400	1600	1800	2000	2200	PHILADELPHIA PENNSYLVANIA AVG	JUNE/66 N (1)	MAX (2)
01															
02															
03															
04															
05															
06							0.6	0.6	0.5	0.5	0.3	0.2			
07	0.2	0.4	0.8	0.8	0.8	0.8	0.8	1.0	0.7	0.4	0.9	0.8	0.75	12	1.0
08	0.8	1.1	1.2	1.3	1.3	0.8	0.9	0.7	0.8	1.0	0.5	0.8	0.97	12	1.3
09	0.5	0.4	0.8	1.0	1.0	1.1	0.8	0.7	0.9	0.3	0.4	0.5	0.72	12	1.1
10	0.4	0.4	0.4	1.1	0.8	0.5	0.7	0.7	0.6	0.1	0.3	0.1	0.55	12	1.1
11	0.2	0.2	0.5	0.1	0.2	0.5	0.0	0.3	0.3	0.3	0.2	0.4	0.31	12	0.5
12	0.3	0.0	0.2	0.3	0.3	0.3	0.4	0.3	0.2	0.6	0.3	0.4	0.35	12	0.6
13	0.4	0.3	0.6	1.0	0.7	0.7	0.7	0.6	0.5	0.5	1.6	1.7	0.81	12	1.7
14	1.6	1.8	1.3	1.1	0.8	0.9	0.7	0.8	0.5	0.5	0.5	0.3	0.93	12	1.8
15	0.6	0.8	1.6	1.6	1.2	0.5	0.4	0.6	0.6	0.7	1.1	1.8	0.99	12	1.8
16	1.9	1.5	1.8	1.3	0.9	0.8	0.8	0.6	0.9	0.3	0.6	0.5	1.02	12	1.9
17	0.3	0.6	0.7	1.4	0.7	0.6	0.8	0.9	1.4	0.9	1.2	1.1	0.93	12	1.4
18	1.1	1.8	2.1	2.0	1.4	0.7	0.4	0.4	0.5	0.4	0.6	0.6	1.05	12	2.1
19	0.6	0.8	0.9	0.9	0.8	0.5	0.9	0.7	0.3	0.5	0.6	0.7	0.73	12	0.9
20	0.5	0.5	1.1	1.8	1.3	1.2	0.9	0.7	0.8	0.7	0.4	0.9	0.95	12	1.8
21	1.1	0.8	1.3	1.2	1.0	0.4	0.6	0.8	0.7	0.5	0.3	0.6	0.82	12	1.3
22	0.6	0.5	0.4	0.8	1.3	0.8	0.6	0.8	1.0	0.4	0.6	0.7	0.75	12	1.3
23	0.8	0.9	1.2	1.4	0.9	0.8	0.7	0.5	0.8	0.7	1.0	0.9	0.93	12	1.4
24	1.0	0.8	1.2	1.2	0.9	0.9	0.7	0.6	0.8	0.5	1.1	0.7	0.92	12	1.2
25	0.9	1.0	0.8	1.0	0.8	0.7	0.5	0.6	0.5	0.3	0.4	0.5	0.71	12	1.0
26	0.3	0.2	0.2	0.3	0.4	0.4	0.5	0.5	0.7	0.8	0.4	0.5	0.49	12	0.8
27	0.5	0.7	0.9	1.6	1.1	1.1	1.3	1.2	1.5	1.4	1.6	1.3	1.22	12	1.6
28	1.2	1.6	1.1	1.1	1.1	1.1	1.0	1.1	1.1	0.6	0.9	0.9	1.11	12	1.6
29	0.9	0.5	1.0	0.9	0.8	0.6	0.8	0.6	1.1	0.7	1.2	1.2	0.90	12	1.2
30	1.4	1.4	1.4	1.6	0.7	0.8	0.2	0.6	0.7	0.6	0.9	1.0	0.98	12	1.6
AVG	0.75	0.79	0.97	1.11	0.88	0.72	0.67	0.67	0.74	0.57	0.73	0.78	0.79		
N(3)	24	24	24	24	24	24	24	24	24	24	24	24		288	
MAX*	1.9	1.8	2.1	2.0	1.4	1.2	1.3	1.2	1.5	1.4	1.6	1.8	1.22		2.1

(1) N=NUMBER OF VALID 2-HR SPOTS
(2) MAX=MAXIMUM 2-HR COH (DY)
(3) N=DAYS WITH VALID VALUES
* MAX=MAXIMUM 2-HR COH (MO)
VALUES GREATER THAN 6.0 UNDERESTIMATE ACTUAL VALUE

TABULATED 03/21/67

CONTINUOUS AIR MONITORING PROGRAM
AISI SPOT (COH/1000 LIN.FT.)

DAY OF MONTH — TIME (STARTING HOUR) — PHILADELPHIA PENNSYLVANIA — JULY/66

DAY OF MONTH	0000	0200	0400	0600	0800	1000	1200	1400	1600	1800	2000	2200	AVG	N (1)	MAX (2)
01	1.1	1.0	0.9	1.1	0.9	1.2	1.0	1.2	0.8	0.7	0.4	1.3	1.01	12	1.3
02	0.8	0.8	0.8	1.2	0.6	0.4	0.2	0.3	0.5	0.7	1.0	1.3	0.75	12	1.3
03	1.4	1.0	1.7	0.9	0.5	0.1	0.4	0.5	0.4	0.3	0.7	0.7	0.75	12	1.7
04	0.9	0.8	0.8	0.6	0.7	0.5	0.4	0.4	0.8	0.3	0.8	0.7	0.70	12	0.9
05	1.0	1.1	1.3	1.6	1.8	1.5	0.8	0.9	1.1	0.3	0.9	0.9	1.14	12	1.8
06	1.0	0.5	0.9	1.0	1.4	0.8	0.3	1.0	0.7	0.7	0.4	0.9	0.85	12	1.4
07	1.4	1.0	1.3	1.3	0.7	0.8	0.7	0.9	0.6	0.7	0.6	0.5	0.93	12	1.4
08	0.0	0.3	1.1	1.2	0.8	0.4	0.8	0.4	0.3	0.8	0.6	1.1	0.68	12	1.2
09	0.8	0.9	1.1	0.7	0.9	0.4	0.3	0.5	0.3	0.3	0.8	0.6	0.68	12	1.1
10	0.6	0.6	0.3	0.5	1.0	0.1	0.6	0.4	0.7	0.7	0.5	0.5	0.60	12	1.0
11	0.9	0.5	1.1	0.8	1.1	0.7	0.6	0.8	0.5	0.6	0.7	0.7	0.79	12	1.1
12	1.1	1.8	2.0	1.0	0.7	0.6	0.6	0.7	0.5	0.9	0.9	1.0	1.03	12	2.0
13	0.6	1.2	1.0	1.5	0.7	0.7	0.4	0.9	0.7	0.8	1.0	0.6	0.88	12	1.5
14	0.7	0.9	1.3	1.6	1.0	0.9	0.7	0.6	0.8	0.6	0.5	0.2	0.85	12	1.6
15	0.3	0.4	0.8	1.0	0.5	1.0	0.4	0.8	1.2	0.7	0.5	1.0	0.77	12	1.2
16	0.4	0.2	0.6	0.3	0.6	0.8	0.4	0.1	0.2	0.2	0.4	0.1	0.40	12	0.8
17	0.3	0.6	0.7	0.7	0.5	0.7	0.6	0.5	0.3	0.4	0.1	0.7	0.54	12	0.7
18	0.8	0.8	0.6	1.1	1.0	1.2	1.2	1.2	1.3	0.6	0.5	0.4	0.93	12	1.3
19	0.5	0.3	0.4	1.4	1.2	0.8	0.8	0.5	0.9	0.3	1.1	0.9	0.80	12	1.4
20	0.5	0.4	0.3	0.8	0.7	0.4	0.4	0.3	0.4	0.4	0.5	0.6	0.51	12	0.8
21	0.7	0.9	0.8	1.0	0.9	0.7	0.2	0.4	0.6	0.5	0.8	0.9	0.73	12	1.0
22	1.0	1.1	1.6	1.4	1.2	0.8	0.7	0.3	0.9	0.4	0.5	0.4	0.91	12	1.6
23	0.6	1.0	0.8	1.2	1.0	0.2	0.2	0.2	0.4	0.3	0.3	0.2	0.58	12	1.2
24	0.2	1.0	0.8	0.5	0.6	0.4	0.1	0.2	0.7	0.5	0.6	0.3	0.54	12	1.0
25	0.3	0.4	1.4	1.8	0.8	1.1	0.4	0.6	0.6	0.5	0.1	0.4	0.75	12	1.8
26	0.7	0.7	0.8	1.1	1.0	0.8	0.7	2.0	0.8	1.0	0.8	1.2	1.02	12	2.0
27	0.5	0.7	1.0	1.3	0.7	0.9	0.8	0.7	0.6	0.8	0.8	0.8	0.84	12	1.3
28	0.6	0.5	1.0	1.3	0.8	0.7	1.0	1.0	1.2	1.4	0.8	1.0	0.98	12	1.4
29	1.1	1.0	1.1	1.5	1.1	0.6	0.7	0.6	0.7	0.7	0.9	0.4	0.90	12	1.5
30		0.1	0.3	0.3	0.3	0.2	0.2	0.4	0.6	0.7	1.3	1.1	0.54	11	1.3
31	1.0	1.0	1.1	0.8	0.4	0.2	0.7	0.7	0.0	0.9	0.3	0.7	0.69	12	1.1
AVG	0.72	0.75	0.95	1.04	0.84	0.66	0.55	0.64	0.64	0.60	0.64	0.71	0.73		
N(3)	30	31	31	31	31	31	31	31	31	31	31	31		371	
MAX*	1.4	1.8	2.0	1.8	1.8	1.5	1.2	2.0	1.3	1.4	1.3	1.3	1.14		2.0

(1) N=NUMBER OF VALID 2-HR SPOTS
(2) MAX=MAXIMUM 2-HR COH (DY)
(3) N=DAYS WITH VALID VALUES
* MAX=MAXIMUM 2-HR COH (MO)
VALUES GREATER THAN 6.0 UNDERESTIMATE ACTUAL VALUE

TABULATED 03/21/67

CONTINUOUS AIR MONITORING PROGRAM
AISI SPOT (COH/1000 LIN.FT.)

DAY OF MONTH — TIME (STARTING HOUR) — PHILADELPHIA PENNSYLVANIA — AUG/66

DAY OF MONTH	0000	0200	0400	0600	0800	1000	1200	1400	1600	1800	2000	2200	AVG	N (1)	MAX (2)
01	0.5	0.5	1.1	0.9	0.7	0.4	0.5	0.6	0.8	0.3	0.8	0.5	0.68	12	1.1
02	0.3	0.8	0.3	0.6	1.0	0.7	0.9	1.1	0.9	0.8	0.5	0.3	0.73	12	1.1
03	0.1	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.6	0.5	1.1	1.4	0.56	12	1.4
04	2.0	1.5	2.7	3.0	2.5	1.3	0.7	0.4	0.7	0.1	0.3	0.7	1.37	12	3.0
05	0.3	1.0	1.1	1.7	1.7	1.1	0.6	0.9	0.8	1.1	1.0	0.7	1.04	12	1.7
06	1.7	2.3	2.0	1.6	1.1	1.2	0.6	0.5	0.5	0.5	0.7	0.6	1.13	12	2.3
07	0.8	0.8	0.7	0.9	0.9	0.2	0.1	0.3	0.3	0.2	0.3	0.0	0.49	12	0.9
08	0.7	0.7	0.4	0.6	0.7	0.9	0.7	0.7	0.5	0.4	0.6	0.4	0.65	12	0.9
09	0.4	0.4	0.5	1.3	0.9	0.6	0.4	0.4	0.4	0.1	0.3	0.2	0.54	12	1.3
10	0.4	0.4	0.2	0.7	0.7	0.3	0.8	0.6	0.6	0.3	0.4	0.5	0.53	12	0.8
11	0.6	0.5	0.4	0.8	0.5	0.3	0.5	0.5	0.5	0.4	0.5	0.4	0.54	12	0.8
12	0.6	0.6	0.5	0.7	0.7	0.5	0.3	0.4	0.6	0.4	0.5	0.5	0.57	12	0.7
13	0.4	0.3	0.3	0.2	0.2	0.4	0.3	0.2	0.3	0.3	0.6	0.6	0.37	12	0.6
14	0.6	0.9	0.9	0.8	0.4	0.0	0.2	0.2	0.3	0.5	0.6	0.2	0.51	12	0.9
15	0.2	0.3	1.0	1.4	1.4	1.0	0.7	0.7	0.9	0.7	0.6	0.8	0.85	12	1.4
16	0.7	0.7	1.0	0.9	1.1	0.7	0.3	0.3	0.3	0.3	0.4	0.5	0.65	12	1.1
17	0.4	0.1	0.2	0.7	0.1	0.3	0.3	0.2	0.4	0.3	0.3	0.9	0.39	12	0.9
18	0.6	1.1	2.1	2.1	0.6	0.4	0.4	0.6	0.4	0.4	0.4	0.4	0.88	12	2.1
19	0.6	0.9	0.7	0.8	0.7	0.5	0.6	0.7	0.5	0.6	0.8	0.8	0.73	12	0.9
20	0.5	0.3	0.3	0.4	0.5	0.5	0.4	0.3	0.5	0.1	0.3	0.5	0.43	12	0.5
21	0.3	0.4	0.5	0.2	0.4	0.3	0.2	0.1	0.1	0.5	0.4	0.2	0.34	12	0.5
22	0.1	0.3	0.5	1.1	0.8	0.8	0.6	0.2	0.4	0.6	0.2	0.5	0.55	12	1.1
23	0.5	0.1	0.5	1.2	0.4	0.5	0.5	0.4	0.5	0.3	0.6	0.3	0.54	12	1.2
24	0.2	0.4	0.4	0.3	0.6	0.4	0.3	0.4	0.4	0.4	0.6	0.7	0.45	12	0.7
25	0.5	0.3	0.5	1.1	0.4	0.3	0.2	0.3	0.4	0.4	0.5	0.9	0.53	12	1.1
26	0.6	0.5	0.9	0.5	0.7	0.3	0.3	0.2	0.4	0.5	1.0	0.9	0.62	12	1.0
27	1.2	0.9	0.8	0.9	0.6	0.3	0.3	0.1	0.6	0.5	0.4	0.3	0.61	12	1.2
28	0.2	0.2	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.4	0.9	1.0	0.49	12	1.0
29	1.2	1.0	1.3	2.1	1.3	0.3	0.4	0.4	0.2	0.5	0.5	0.7	0.88	12	2.1
30	0.5	0.6	0.8	0.9	0.6	0.6	0.6	0.5	0.5	0.2	0.7	0.9	0.64	12	0.9
31	0.4	0.5	0.8	0.8	0.9	0.5	0.8	0.5	0.4	0.4	0.7	0.7	0.65	12	0.9
AVG	0.58	0.63	0.78	0.96	0.76	0.52	0.45	0.42	0.47	0.41	0.56	0.58	0.59		
N(3)	31	31	31	31	31	31	31	31	31	31	31	31		372	
MAX*	2.0	2.3	2.7	3.0	2.5	1.3	0.9	1.1	0.9	1.1	1.1	1.4	1.37		3.0

(1) N=NUMBER OF VALID 2-HR SPOTS
(2) MAX=MAXIMUM 2-HR COH (DY)
(3) N=DAYS WITH VALID VALUES
* MAX=MAXIMUM 2-HR COH (MO)
VALUES GREATER THAN 6.0 UNDERESTIMATE ACTUAL VALUE

TABULATED 03/21/67

CONTINUOUS AIR MONITORING PROGRAM
AISI SPOT (COH/1000 LIN.FT.)

DAY OF MONTH — TIME (STARTING HOUR) — PHILADELPHIA PENNSYLVANIA — SEPT/66

DAY OF MONTH	0000	0200	0400	0600	0800	1000	1200	1400	1600	1800	2000	2200	AVG	N (1)	MAX (2)
01	0.8	0.8	1.0	1.1	0.8	0.8	0.3	0.4	0.6	0.4	0.6	0.5	0.70	12	1.1
02	0.3	0.5	0.7	0.6	0.2	0.4	0.4	0.3	0.5	0.5	0.3	0.4	0.46	12	0.7
03	0.5	0.8	1.1	0.6	0.3	0.3	0.4	0.2		0.2	0.1	0.3	0.48	11	1.1
04	0.0	0.2	0.3	0.5	0.2	0.6	0.4	0.3	0.5	0.4	0.3	0.2	0.38	12	0.6
05	0.3	0.2	0.4	0.3		0.2	0.2	0.2	0.3	0.2	0.4	0.3	0.35	11	0.4
06	0.1	0.4	0.6	0.2	0.4	0.2	0.4	0.2	0.4	0.1	0.4	0.1	0.33	12	0.6
07	0.4	0.3	0.5	0.2	0.1	0.1	0.5	0.3	0.2	0.4	0.4	0.2	0.33	12	0.5
08	0.1		0.2	0.1	0.2	0.2	0.1	0.4	0.5	0.5	0.7	0.5	0.39	11	0.7
09	0.5	0.4	0.4	0.4	0.1	0.2	0.4	0.3	0.3	0.2	0.4	0.5	0.38	12	0.5
10	0.2	0.4	0.1	0.4	0.3	0.3	0.3	0.3	0.3	0.6	0.3	0.2	0.35	12	0.6
11	0.3	0.2	0.2	0.4	0.3	0.1	0.0	0.2	0.2	0.2	0.1	0.2	0.23	12	0.4
12	0.4	0.4	1.0	0.4	0.2		0.2	0.1	0.1		0.4	0.4	0.39	10	1.0
13	0.2	0.1	0.1	0.3	0.1	0.1		0.1	0.4	0.1	0.1	0.3	0.22	11	0.4
14	0.3	0.2	0.2	0.4	0.3	0.2	0.2	0.0	0.1	0.1		0.0	0.23	11	0.4
15	0.0	0.1	0.1	0.2	0.1	0.0	0.1	0.1	0.2	0.1		0.1	0.14	11	0.2
16	0.0	0.3	0.1	0.0		0.0	0.0	0.5	0.4	0.4	0.3	0.1	0.24	11	0.5
17	0.2	0.1	0.1			0.1		0.1	0.1	0.2	0.2	0.2	0.18	09	0.2
18	0.2	0.3	0.1	0.2		0.2		0.1	0.1		0.1	0.1	0.18	09	0.3
19															
20															
21															
22															
23															
24															
25															
26															
27															
28															
29															
30															
AVG	0.26	0.33	0.40	0.37		0.23		0.22	0.30	0.28	0.31	0.25	0.27		
N(3)	18	17	18	17		17		18	17	16	16	18		201	
MAX*	0.8	0.8	1.1	1.1		0.8		0.5	0.6	0.6	0.7	0.5	0.70		1.1

(1) N=NUMBER OF VALID 2-HR SPOTS
(2) MAX=MAXIMUM 2-HR COH (DY)
(3) N=DAYS WITH VALID VALUES
* MAX=MAXIMUM 2-HR COH (MO)
VALUES GREATER THAN 6.0 UNDERESTIMATE ACTUAL VALUE

NO SOILING INDEX DATA

October - December 1966

NATIONAL AIR SURVEILLANCE NETWORKS

CONTINUOUS AIR MONITORING PROGRAM

1966 DATA TABULATIONS AND SUMMARIES

ST. LOUIS

Air Quality and Emissions Data Branch
National Center for Air Pollution Control

Bureau of Disease Prevention and Environmental Control
Public Health Service
U.S. Department of Health, Education, and Welfare

The Continuous Air Monitoring Program is the National Air Surveillance Network which operates six continuous monitoring stations in major cities throughout the country. The data tabulations in this booklet are summaries of hourly concentrations of gaseous pollutants and 2-hourly summaries of soiling index levels in St. Louis during 1966. Also enclosed is a brief summary of monthly means and maxima in St. Louis, and annual frequency distributions of data from all stations.

Booklets of 1966 data summaries for Cincinnati, Chicago, Denver, Philadelphia, and Washington D.C. are available. Similar data summaries have been or shortly will be published along with various analyses and interpretive material, for previous years' operations. Analyses of 1966 data will be published in the 1966 Annual Report of all National Air Surveillance Activities.

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Total Oxidant	68
Soiling Index	80

NATIONAL AIR SURVEILLANCE NETWORKS
THE CONTINUOUS AIR MONITORING PROGRAM

MONTHLY MEAN AND MAXIMA SUMMARY

ST. LOUIS

Month	Days Valid Data	Mo. Avg. Conc.	Max. 24 Hr. Conc. Conc.	Day	Max. Hrly. Avg. Conc. Conc.	Day	Hr.	Max. 5 Min. Inst. Conc. Conc.	Day	Time
CARBON MONOXIDE										
Jan	31	7.8 ppm	ppm	31	24 ppm	4	10	43 ppm	4	1[illegible]
Feb	[illegible]	6.6	12	7	25	7	08	37	8	1705
Mar	[illegible]	7.6	12	21	[illegible]	[illegible]	[illegible]	33	21	0755
Apr	[illegible]	4.6	6	25	1[illegible]	2[illegible]	06	29	25	0655
May	31	3.8	5	2	11	2	15	23	2	1505
June	[illegible]	4.8	7	20	14	2[illegible]	06	23	24	0650
July	[illegible]	[illegible]	[illegible]	[illegible]	17	1[illegible]	[illegible]	24	[illegible]	[illegible]
Aug	[illegible]	[illegible]	5	1	15	[illegible]	1[illegible]	43	9	2150
Sept	27	5.4	[illegible]	[illegible]	1[illegible]	[illegible]	[illegible]	46	15	1525
Oct	[illegible]	4.8	8	24	24	24	[illegible]	37	24	0[illegible]
Nov	[illegible]	6.8	12	14	29	14	17[illegible]	68	14	1715
Dec	[illegible]	6.8	11	[illegible]	23	15	16	46	15	1715
Year	333	5.8	12		29			68		
NITRIC OXIDE										
Jan	31	0.037 ppm	0.10 ppm	14	0.22 ppm	4	17	0.28 ppm	4	1700
Feb	28	0.035	0.08	7	0.22	7	08	0.31	11	2315
Mar	30	0.031	0.07	9	0.21	9	17	0.25	11	1705
Apr	30	0.020	0.07	25	0.24	25	00	0.25	24	2330
May	31	0.015	0.05	25	0.19	25	06	0.22	25	0605
June	28	0.013	0.05	19	0.18	1	06	0.21	1	0650
July	16	a	0.03	1	0.11	1	07	0.12	1	0710
Aug	15	a	0.08	31	0.31	31	05	0.3[illegible]	31	0545
Sept	25	0.031	0.07	17	0.24	17	0[illegible]	0.24	17	0[illegible]
Oct	21	0.048	0.12	26	0.39	26	06	0.51	26	0645
Nov	[illegible]	0.051	0.25	14	0.57	14	08	0.61	14	0750
Dec	21	0.046	0.17	17	0.41	18	22	0.45	18	2025
Year	315	0.032	0.25		0.57			0.61		
NITROGEN DIOXIDE										
Jan	31	0.023 ppm	0.0[illegible] ppm	26	0.0[illegible] ppm	5	12	0.10 ppm	5	1140
Feb	28	0.027	0.04	6	0.06	3	11	0.07	5	0725
Mar	30	0.033	0.06	28	0.10	14	16	0.12	14	1700
Apr	29	0.030	0.05	25	0.08	27	12	0.10	27	1250
May	30	0.038	0.0[illegible]	7	0.10	2	20	0.14	25	0755
June	29	0.041	0.08	1	0.14	1	08	0.17	22	0655
July	[illegible]	0.040	[illegible]	1	0.11	8	[illegible]	0.13	8	0715
Aug	17	0.027	.05	6	0.09	6	08	0.09	[illegible]	0800
Sept	[illegible]	0.033	0.08	13	0.13	13	[illegible]	0.14	10	2155
Oct	31	0.039	0.0[illegible]	28	0.16	28	13	0.14	28	1840
Nov	30	0.040	0.10	14	0.20	14	13	0.21	14	1005
Dec	21	0.031	0.05	17	0.[illegible]	28	16	0.13	28	1610
Year	[illegible]	0.034	0.10		0.20			0.21		

Month	Days Valid Data	Mo. Avg. Conc.	Max. 24 Hr. Conc. Conc.	Day	Max. Hrly. Avg. Conc. Conc.	Day	Hr.	Max. 5 Min. Inst. Conc. Conc.	Day	Time
SULFUR DIOXIDE										
Jan	31	0.041 ppm	0.12 ppm	5	0.42 ppm	5	0[illegible]	0.47 ppm	10	0[illegible]
Feb	28	0.059	0.13	24	0.45	1	0400	0.[illegible]	1	[illegible]
Mar	29	0.043	0.08	15	0.17	20	2100	0.[illegible]	[illegible]	[illegible]
Apr	30	0.044	0.18	14	0.72	14	1100	1.[illegible]	[illegible]	1120
May	30	0.063	0.11	3	0.51	3	0[illegible]	0.[illegible]	[illegible]	[illegible]
June	29	0.044	0.11	20	0.64	20	0500	0.[illegible]	[illegible]	[illegible]
July	24	0.040	0.12	[illegible]	0.[illegible]	[illegible]	[illegible]	0.[illegible]	[illegible]	[illegible]
Aug	2	a	0.08	5	0.13	5	1100	0.13	5	1[illegible]
Sept	0									
Oct	26	0.034	0.16	25	0.[illegible]	25	0800	0.[illegible]	26	[illegible]
Nov	30	0.024	0.08	14	0.[illegible]	21	0800	0.[illegible]	[illegible]	[illegible]
Dec	21	0.024	0.10	15	0.[illegible]	[illegible]	0600	0.[illegible]	[illegible]	[illegible]
Year	280	0.043	0.16		0.[illegible]			1.25		
TOTAL HYDROCARBON										
Jan	30	2.78 ppm	4.2 ppm	5	6.2 ppm	5	1000	6.4 ppm	5	1100
Feb	28	3.51	6.5	15	8.6	10	0800	8.7	10	0[illegible]
Mar	27	2.83	4.0	9	5.9	18	0800	7.1	29	1000
Apr	10	a	3.8	19	7.6	19	0800	8.0	19	0[illegible]
May	31	2.63	3.3	25	5.2	25	0700	5.5	25	0725
June	30	3.01	4.4	19	7.6	19	0700	7.6	30	1710
July	25	3.20	4.6	1	6.1	25	[illegible]	6.[illegible]	[illegible]	[illegible]
Aug	20	2.95	5.9	17	[illegible]	17	[illegible]	12.[illegible]	31	[illegible]
Sept	30	3.64	6.6	2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Oct	31	2.94	5.9	24	12.[illegible]	24	[illegible]	14.[illegible]	[illegible]	[illegible]
Nov	25	3.18	6.6	14	11.9	14	0700	13.[illegible]	14	[illegible]
Dec	19	2.53	3.9	1	5.[illegible]	15	1700	6.5	15	1710
Year	306	3.02	6.6		12.6			14.3		
TOTAL OXIDANT										
Jan	30	b ppm	0.01* ppm	1	0.[illegible]* ppm	11	1[illegible]	0.[illegible]* ppm	14	[illegible]
Feb	27	b	0.03	6	0.05*	6	[illegible]	0.[illegible]*	[illegible]	[illegible]
Mar	28	b	0.07	22	0.[illegible]	22	1200	0.11*	14	[illegible]
Apr	28	b	0.07	17	0.10	17	1100	0.12*	[illegible]	[illegible]
May	31	0.054	0.07	26	0.11	27	1300	0.[illegible]*	[illegible]	[illegible]
June	22	0.055	0.09	1	0.22	1	1100	0.25	1	1[illegible]
July	17	a	0.08	4	0.16	4	1[illegible]	0.17	4	[illegible]
Aug	12	a	0.07	[illegible]	0.1[illegible]	[illegible]	1[illegible]	0.16	[illegible]	[illegible]
Sept	23	0.032	0.05	17	0.1*	11	1[illegible]	0.14	11	[illegible]
Oct	24	0.033	b		0.0*	[illegible]	[illegible]	0.1[illegible]	[illegible]	[illegible]
Nov	28	b	b		0.1*	1[illegible]	[illegible]	0.11*	[illegible]	[illegible]
Dec	13	b	b		0.0*	[illegible]	[illegible]	0.10	5	[illegible]
Year	283	b	0.09		0.2[illegible]			0.25		

*Excluding higher levels occurring before 1100 or after 1655

[a]Average not calculated because of insufficient or poorly distributed data

[b]Average not reported because of undue influence from non-photochemical high levels

CONTINUOUS AIR MONITORING PROGRAM

FREQUENCY DISTRIBUTION OF CONCENTRATION OF GASEOUS ATMOSPHERIC POLLUTANTS

(FIVE MINUTE DATA VALUES)

JAN. 01,1966 TO DEC. 31,1966

(CONCENTRATION IN PPM)

	% VALID DATA	FREQUENCY DISTRIBUTION-PERCENT									ARITH MEAN
		MIN	10	30	50	70	90	95	98	99	MAX	
CINCINNATI												
CARBON MONOXIDE	74	0	2	3	5	6	8	9	11	13	32	4.9
NITRIC OXIDE	66	.00	.00	.01	.02	.04	.10	.16	.25	.33	1.18	.041
NITROGEN DIOXIDE	75	.00	.02	.03	.03	.04	.06	.07	.09	.10	.30	.036
SULFUR DIOXIDE	82	.00	.00	.01	.02	.03	.07	.09	.13	.18	.70	.031
HYDROCARBON	51	.4	1.8	2.1	2.3	2.7	4.1	4.9	6.0	6.6	12.8	2.67
TOTAL OXIDANT	51	.00	.01	.01	.02	.03	.04	.05	.07	.08	.11*	.021
CHICAGO												
CARBON MONOXIDE	57	0	5	9	11	15	21	25	30	33	64	12.5
NITRIC OXIDE	74	.00	.02	.05	.09	.13	.20	.24	.31	.37	.74	.101
NITROGEN DIOXIDE	77	.00	.03	.04	.05	.06	.09	.11	.13	.15	.35	.056
SULFUR DIOXIDE	70	.00	.00	.01	.03	.09	.25	.34	.48	.57	1.14	.084
HYDROCARBON	73	.0	1.7	2.2	2.6	3.0	4.0	4.7	5.8	6.6	14.9	2.78
TOTAL OXIDANT	58	.00	.00	.01	.02	.03	.04	.05	.07	.08	.23	.020
PHILADELPHIA												
CARBON MONOXIDE	97	0	3	5	6	8	11	12	15	17	47	6.7
NITRIC OXIDE	86	.00	.01	.02	.03	.06	.13	.18	.29	.42	1.98	.059
NITROGEN DIOXIDE	88	.00	.02	.03	.03	.04	.07	.08	.10	.11	.29	.038
SULFUR DIOXIDE	85	.00	.02	.04	.06	.10	.21	.28	.37	.44	.87	.091
HYDROCARBON	84	.0	1.7	2.0	2.2	2.6	3.5	4.2	5.3	6.3	14.4	2.46
TOTAL OXIDANT	76	.00	.01	.02	.02	.04	.07	.09	.12	.15	.38*	.032
DENVER												
CARBON MONOXIDE	84	0	2	5	7	9	14	17	22	27	63	7.8
NITRIC OXIDE	82	.00	.00	.01	.02	.04	.09	.14	.20	.26	.59	.038
NITROGEN DIOXIDE	87	.00	.02	.02	.03	.04	.05	.06	.09	.10	.35	.034
SULFUR DIOXIDE	92	.00	.00	.00	.01	.01	.02	.03	.05	.07	.96	.011
HYDROCARBON	84	.5	1.5	1.7	2.0	2.5	3.7	4.6	5.9	7.1	19.1	2.38
TOTAL OXIDANT	75	.00	.01	.01	.02	.04	.06	.07	.10	.12	.27*	.029
ST. LOUIS												
CARBON MONOXIDE	88	0	2	4	5	7	10	13	16	19	68	5.7
NITRIC OXIDE	78	.00	.00	.01	.02	.04	.08	.12	.17	.22	.61	.032
NITROGEN DIOXIDE	82	.00	.01	.02	.03	.04	.06	.07	.08	.09	.21	.034
SULFUR DIOXIDE	72	.00	.00	.01	.03	.05	.10	.14	.17	.23	1.25	.042
HYDROCARBON	81	.0	2.0	2.4	2.8	3.3	4.4	5.3	6.4	7.2	14.3	3.02
TOTAL OXIDANT	70	.00	.01	.02	.03	.05	.07	.08	.10	.11	.25	.036
WASHINGTON D.C.												
CARBON MONOXIDE	90	0	1	2	3	4	6	7	10	14	47	3.2
NITRIC OXIDE	85	.00	.00	.01	.02	.03	.08	.14	.25	.35	1.15	.036
NITROGEN DIOXIDE	72	.00	.02	.03	.03	.04	.06	.07	.08	.09	.19	.035
SULFUR DIOXIDE	68	.00	.01	.02	.03	.05	.09	.12	.17	.21	.47	.044
HYDROCARBON	89	.0	1.8	2.0	2.2	2.4	2.9	3.6	4.8	6.2	14.5	2.37
TOTAL OXIDANT	79	.00	.01	.01	.02	.03	.06	.07	.10	.11	.17*	.028

*Excluding higher levels occuring betore 1100 or after 1655

CONTINUOUS AIR MONITORING PROGRAM

FREQUENCY DISTRIBUTIONS OF SOILING INDEX

2 HR MEASUREMENTS

ANNUAL 1966 (JANUARY 1 TO DECEMBER 31)

COHS/1000 LIN. FT.

CITY	VALID DATA*	FREQUENCY DISTRIBUTION-PERCENT										ARITH MEAN
		MIN	10	30	50	70	90	95	98	99	MAX	
CHICAGO	70	.0	.7	1.2	1.8	2.7	4.4	5.5	7.1	8.7	16.4	2.29
CINCINNATI	80	.0	.3	.7	1.0	1.4	2.3	2.8	3.6	4.1	8.5	1.18
PHILADELPHIA	60	.0	.2	.4	.7	1.0	2.0	2.8	3.9	4.9	11.2	.96
ST LOUIS	90	.0	.4	.7	1.0	1.3	2.2	2.7	3.6	4.4	13.1	1.18
WASHINGTON, D C	95	.0	.2	.4	.7	1.1	1.9	2.5	3.3	4.0	11.1	.92

* REPORTED TO NEAREST FIVE PERCENT

VALUES GREATER THAN 6.0 UNDERESTIMATE ACTUAL VALUE

DATA TABLES

GASEOUS POLLUTANTS

The first 72 data tables present hourly average concentrations by month for the gaseous pollutants. Values in these tables are the arithmetic means of the 5-minute values in the clock hour indicated. An average is not calculated if the hour is considered an invalid data hour, i.e., if fewer than seven 5-minute values were valid. Similarly, if a calendar day had fewer than 13 valid data hours, it is considered an invalid data day and the entire row of averages for that day is deleted. The reason for this procedure, which results in the loss of a few valid hourly averages, is that the data that are thus lost are usually concentrated at the beginning or end of the day. Since pollutant concentrations show considerable diurnal variation, the inclusion of data for such days would introduce a definite bias into the monthly mean concentrations.

The first summary line at the bottom of the tables (titled MEAN) contains the arithmetic means of the hourly averages, and hence represents the pattern of diurnal variation for the month. Again by the same validity criterion, this average is not calculated unless 16 or more hourly averages are present. The second and third summary lines are the number of and maximum of the hourly averages in the column.

The first summary column at the right of the tables (titled DAILY MEAN) is the arithmetic mean* of the 13 or more hourly averages comprising the row, and the second is the number of such valid hourly averages. The third summary column, however, is not the maximum hourly average for the day, but the maximum 5-minute value included in the hours of valid data during the day.

Four summary figures appear in the lower right corner. The upper left is the monthly average, an arithmetic mean, and appears only if 16 or more days were valid (a valid data month). The center number is the total number of valid hours included in the table, which offers some basis for judging the representativeness of the monthly average. The lower left summary number is the maximum daily average from the column above. The lower right number is the maximum 5-minute value from the column above.

SOILING INDEX

The last 12 tables present soiling index values at the CAMP station by month. Each value was obtained from a 2-hour integrated sample beginning

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*The summary calculations are performed before the hourly averages are rounded.

at the time indicated in the column heading. A missing value indicated that the sample was not taken or was invalid because of instrument malfunction.

The first summary line (titled MONTHLY MEAN) represents the arithmetic mean of the 2-hour average values in the column, and is calculated only if 16 or more days are represented. The first summary column (titled DAILY MEAN) is the arithmetic mean of the 2-hour values for the day; if fewer than seven such values are present, the daily mean is not calculated, and the data are not included in the summaries, but the component 2-hour values for the day are not deleted from the table as is done with the data on gaseous pollutants.

The other summary columns and rows are the number of and maximum of the respective 2-hour values. Four summary figures appear in the lower right corner; the mean and maximum value for the month are the upper left and lower right figures respectively, while the center figure is the total number of values. The lower left summary number is the maximum daily average from the column above.

CONTINUOUS AIR MONITORING PROGRAM

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

ST. LOUIS, MO.

CONCENTRATION IN PPM — INFRARED ANALYSIS

CARBON MONOXIDE
JAN. 1966

DAY OF MONTH	AM 1	AM 2	AM 3	AM 4	AM 5	AM 6	AM 7	AM 8	AM 9	AM 10	AM 11	AM 12	PM 1	PM 2	PM 3	PM 4	PM 5	PM 6	PM 7	PM 8	PM 9	PM 10	PM 11	PM 12	DAILY MEAN	NO. OF HRS.	DAILY MAX
1*	3	2	1	1	1	1	2	2	1	2	1	2	2	2	3	2	2	2	2	3	3	2	3	2	1.9	24	10
2*	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	1	1	0	0	0	0	1	1.3	24	6
3	0	0	0	0	0	0	2	R	7	11	12	8	7	9	6	8	13	13	7	5	5	5	5	5	5.6	24	26
4	4	3	3	3	3	3	5		15	15	12	8	9	10	9	10	24	19	10	8	6	6	5	6	8.4	23	43
5	6	5	6	5	5	6	10			18	20			10		9	11	10	7	6	6	6	6	5	8.1	19	26
6	3	3	3	2	3	2	3	4	4	5	7	6	6	6	6			9	6	7	9	7	9	6	5.3	22	22
7	6	5	5	5	4	4	5	7	7	7	8	8	7	7	7	7	8	8	6	6	5	5	5	9	6.3	24	22
8*	5	5	5	5	5	5	5	6	8	10	9	9	9	8	7	7	7	6	6	6	5	5	6	6	6.3	24	18
9*	5	5	5	4	5	5	5	6	5	5	6	7	8	8	9	9	9	10	7	6	6	6	6	6	6.4	24	21
10	5	5	5	5	5	5	6	8	8	8	10	12	14	13	12	12	12	12	9	9	10	10	10	10	8.9	24	22
11	9	8	8	8	8	8	11	18	15	15	14	13	12	13	12	13	16	16	10	9	9	8	9	8	11.2	24	25
12	9	8	8	7	8	8	9	15	13	12	11	11	11	13	13	14	18	14	10	9	8	8	8	8	10.5	24	26
13	8	8	8	8	7	7	8	9	10	10	12	6	5	6			9	9	7	7	7	7	10	9	8.0	22	19
14	8	6	6	5	6	6	8	14	13	12	13	12	12	12	11	13	21	20	10	16	8	8	9	8	10.7	24	29
15*	7	6	6	6	6	6	6	6	7	7	7	7	7	7	7	7	6	5	5	4	4	4	4	4	5.9	24	10
16*	4	4	3	3	3	2	3	3	3	3	4	4	4	4	4	5	4	5	3	3	3	2	3	3	3.3	24	9
17	2	2	2	2	1	2	3	4	5	8	9	11	12	11	12	11	11	11	9	9	8	8	8	8	6.9	24	17
18	8	7	7	7	7	7	7	11	9	12	12	10	10	10	9	10	11	10	8	8	7	7	7	7	8.8	24	20
19	7	6	6	6	6	6	9	15		10	10	10	10	10	8	10	11	11	8	7	7	6	6	6	8.3	23	23
20	6	6	5	6	5	5	6	10	11	9	9	10	10	11				11	9	8	8	7	7	6	7.9	21	21
21	6	6	6	6	6	5	7	13	11	11	11	10	9	10	9	11	13	13	8	7	7	6	7	7	8.5	24	25
22*	6	6	6	6	6	6	6	7	7	7	8	7	7	7	7	7	7	7	6	7	7	6	7	7	6.6	24	11
23*	6	6	6	7	7	7	7	8	8	8	9	10	10	11	10	9	9	8	8	9	9	9	9	8	8.2	24	12
24	8	8	8	8	8	9	9	12	13	15	13	11	10	11	10	11	14	13	10	9	9	9	9	9	10.3	24	21
25	9	8	8	8	8	9	10	12	12	11	13	12	13	11	11	10	12	13	9	8	7	8	9	8	9.9	24	18
26	8	7	8	8	8	9	10	12	13	12	11	9	8	9	9	9	12	10	8	9	9	10	9	8	9.2	24	20
27	7	6	6	6	5	6	6	8	7	8	10			10		6	9	7	6	7	7	7	8	8	7.2	21	13
28	8	8	8	8	8	8	10	13	11	14	16	13	12	13	14	13	13	11	9	9	8	7	8	9	10.4	24	21
29*	10	10	10	9	9	9	10	11	10	11	12	13	11	11	11	11	11	10	9	9	8	8	10	7	10.0	24	21
30*	8	7	7	7	7	7	7	8	8	7	10	11	12	12	12	11	10	9	9	10	10	9	12	11	9.0	24	15
31	9	9	8	8	8	8	11	17	13	17	15	18	15	17	14	14	20	15	10	10	9	8	8	9	12.1	24	31
	6	6	6	5	5	6	7	9	9	10	10	9	9	9	9	9	11	10	7	7	7	7	7	7	7.8		
	31	31	31	31	31	31	31	29	29	31	31	29	29	31	27	28	29	31	31	31	31	31	31	31		727	
	10	10	10	9	9	9	11	18	15	18	20	18	15	17	14	14	24	20	10	16	10	10	12	11	12.1		43

* Indicates Saturday or Sunday
Local standard time used

WED., MAR. 22, 1967

CONTINUOUS AIR MONITORING PROGRAM

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

ST. LOUIS, MO.

CARBON MONOXIDE
FEB. 1966

INFRARED ANALYSIS

1	9		8	8	9	9	10	12	13	13	11	12	11	11	12	14	14	11	9	9	9	8	9	9	10.4	23	20
2	8	8	7	8	7	8	10	11	14	15	15	14	11	10	10	11	13	13	10	9	9	8	10	10	10.4	24	25
3	8	7	7	7	6	6	8	12	13	14	14	13				11	17	11	8	7	7	7	7	7	9.3	21	26
4	7	6	7	6	6	6	6	10	12	16	16	15	11	14	12	15	17	16	10	10	10	10	13	11	10.9	24	33
5*	10	9	9	8	7	7	9	12	22	19	14	13	14	10	10	12	12	9	9	8	9	7	8	12	10.8	24	29
6*	8	8	8	7	8	7	7	10	9	9	8	8	7	9	11	10	9	8	8	8	9	9	9	9	8.4	24	17
7	7	6	7	7	6	7	11	19	23	22	20	16	15	14	16	19	18	17	8	7	6	7	8	7	12.2	24	33
8	6	5	5	4	3	4	9			11	10	11	10	11	10	13	14	15	8	7	6	4	5	5	7.9	22	37
9	4	3	3	3	3	4	6	17	14	10	6	7	6	8	7	8	8	6	5	6	6	5	4	3	5.4	24	37
10	3	5	5	4	4	4			16	13	10	9	9	9	10	8	12	10	3	3	3	2	2	5	6.6	22	21
11	3	3	2	2	1	1	4	4	3	3	3	4	5	7				6	5	6	6	6	9	10	4.4	21	16
12*	7	5	4	3	3	2	3	7	6	5	4	5	8	7	7	6	7	6	6	7	5	5	3	5	5.2	24	17
13*	2	1	1	1	0	0	0	1	1	1	2		6	6	7	6	5	5	3	1	1	1	1	1	2.3	23	7
14	1	1	0	1	1	1	2	5	5		5	4	4	3	4	4	7	6	6	4	4	5	4	5	3.6	23	13
15	4	3	3	2	2	3	6		15		7	6	6	7	8	7	12	10	5	3	3	5	3	4	5.5	22	25
16	2	2	2	1	1	2	2	6	3	3	3	3	3	4	4	4	6	4	3	4	4	4	7	3	3.3	24	14
17	3	2	2	1	2	2	3	15	9	8	7	8	10	10	12	13	13	12	10	9	6	6	7	6	7.3	24	21
18	5	5	4	4	4	4	6	12	10	11	9				11	10	13	8	11	8	5	3	5	5	7.2	21	27
19*	4	4	3	3	3	3	3	4	5	6	5	6	6	6	6	7	7	7	7	7	6	6	7	6	5.3	24	9
20*	6	6	5	6	6	5	6	7	7	8	9	9	11	10	11	10	10	9	8	8	8	8	8	7	7.8	24	13
21	6	6	5	5	5	6	7	10	10	10	8	6	6	7	9	8	10	10	6	5	5	5	5	5	6.8	24	16
22	5	4	5	5	4	5	6										4	5	5	5	4	4	5	6	4.7	15	9
23	5	6	6	6	6	6	7	8	9	8	8	8	7	7	7	7	8	13	5	4	4	3	3	3	6.4	24	23
24	3	3	3	3	2	3	4	6	6	7	6	6			6	7	9	10	10	7	6				5.5	19	17
25																											
26*	1	0	0	0	0	0	1	2	2	3	3	2	3	4	5	4	3	1	3	3	3	2	3	2	2.1	24	7
27*	2	2	1	0	1	1	2	2	1	1	2	2	4	3	4	5	4	2	3	2	2	2	3	2	2.1	24	8
28	2	1	1	1	0	1	3	8	5	6	8	6	5	4	4	5	7	5	2	2	2	2	2	2	3.4	24	14
	5	4	4	4	4	4	5	9	9	9	8	8	8	8	8	9	10	9	6	6	5	5	6	6	6.6		
	27	26	27	27	27	27	26	23	25	24	26	24	23	23	24	25	26	27	27	27	27	26	26	26		616	
	10	9	9	8	9	9	11	19	23	22	20	16	15	14	16	19	18	17	11	10	10	10	13	12	12.2		37

WED., MAR. 22, 1967

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CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONCENTRATION IN PPM
INFRARED ANALYSIS

ST. LOUIS, MO.

CARBON MONOXIDE
MARCH 1966

DAY OF MONTH	AM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	PM 12-1	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS	5 MIN MAX
1	2	2	1	2	2	2	3	5	4	4	5	6	7	9	11	12	16	20	16	10	6	5	5	7		6.7	24	30
2	4	3	3	1	0	0	4	13		5		8	9	10	10	11	11	10	7	6	5	6	7	7		6.4	22	21
3	6	5	5	5	5	5	6	15	11	11	12	10	9	10	10	12	16	14	8	9	9	8	6	5		8.8	24	30
4	5	4	3	3	2	2	3	6	5	6	7				7	9	11	9	7	8	9	5	5	9		5.9	21	21
5*	4	3	3	3	3	4	4	6	4	5	5	5	6	6	6	7	4	4	3	6	5	6	6	6		4.7	24	9
6*	6	6	5	1	1	2	2	3	2	3	4	4	5	4	4	4	3	5	3	3	4	4	3	4		3.5	24	12
7	3	3	2	3	3	3	5	5	7	8	10	11	13	14	16	17	16	14	9	6	5	4	4	4		7.8	24	24
8	4	3	5	3	3	3			9	7	8	11	11	12	13	15	19	14	8	5	5	6	6	7		8.0	22	28
9	6	6	6	5	5	5	8	13	11	10	11	9	9	9	10	12	19	15	8	7	6	6	7	7		8.8	24	30
10	6	5	4	4	4	4	5	17	14	11	12	12	14	15	15	15	17	16	11	10	10	10	10	13		10.5	24	30
11	9	7	6	6	5	5	9	19		11	13	15	14	14	16	15				11	14	9	12	10		10.9	20	27
12*	8	6	6	6	6	6	8	12	9	8	8	9	8	7	7	8	8	7	7	7	8	7	8	7		7.6	24	21
13*	7	7	6	6	6	6	6	6	9	7	7	8	8	8	10	9	8	9	8	7	7	6	5	6		7.2	24	19
14	4	4	4	4	4	4	5	9	11	9	9	9	8	9	10	11	17	15	7	5	5	7	6	7		7.6	24	28
15	4	4	3	2	2	2	3		9	8	8	8	10	12	14	13	15	17	12	9	6	5	5	5		7.6	23	22
16	4	2	3	3	3	3	8	15	11	7	8	10	13	16	15	15	21	19	11	10	8	7	6	6		9.3	24	31
17	4	3	2	3	2	2	5			7	10	10	9	11	10	10	11	11	6	5	5	5	5	4		6.4	22	16
18	3	3	3	3	2	1	3	6	4	4	6	6			7	11	12	11	9	9	8	7	7	9		6.0	22	13
19*	6	5	4	3	2	1	1	1	2	3	4	5	4	4	5	4	8	10	10	9	9	8	8	6		5.0	24	11
20*	7	7	6	4	4	4	4	4	4	5	7	11	15	20	24	18	15	13	12	12	10	9	9	9		9.7	24	24
21	7	7	7	7	6	6	11	20	18	15	14	15	15	15	15	16	21	16	12	11	10	10	9	11		12.3	24	33
22	10	9	9	8	8	9	10		12	13	12	12	12	14	14	14	17	14	11	10	9	10	10	10		11.0	23	21
23	9		8	7	6	5	4	4	4	4	4	4	5	6	7	7	7	6	5	4	4	3	3	3		5.2	23	10
24	3	2	1		2	2	2	4	4	5	5	5	7	9	10	11	12	11	8	7	5	5	6	5		5.8	23	14
25	5	4	4	3	3	4	6	12	8	10	11	14	16	18	18	19	22	19	16	14	13	10	9	7		11.0	24	25
26*	4	4	3	2	1	1	1	3	4			7	7	7	7	7	7	6	4	4	2	2	3	3		4.0	22	9
27*	3	4	3	3	3	3	3	4	3	3				9	8	9	8	6	4	3	2	2	2	2		4.2	21	11
28	2	2	1	1	2	2	3	7	6	8	9	11	13	15	16	15	20	17	12	8	8	5	5	4		8.0	24	26
29	3	3	2	2	2	2			11	10	12	15	17	16	16	17	17	16	14	12	9	6	6	4		9.5	22	19
30																												
31																												
MEAN	5	4	4	4	3	3	5	9	7	7	8	9	10	11	11	12	13	12	9	8	7	6	6	6		7.6		
NO. OF HRS	29	28	29	28	29	29	27	24	26	28	26	27	26	27	29	29	28	28	28	29	29	29	29	29			670	
MAX	10	9	9	8	8	9	11	20	18	15	14	15	17	20	24	19	22	20	16	14	14	10	12	13		12.3		33

* Indicates Saturday or Sunday
Local standard time used

WED., MAR. 22, 1967

CONTINUOUS AIR MONITORING PROGRAM

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

Air Quality Section, Laboratory of Engineering, Division of Air Pollution, Public Health Service, U. S. Department of Health, Education and Welfare

Robert A. Taft Sanitary Engineering Center, Cincinnati, Ohio 45226

CONCENTRATION IN PPM
INFRARED ANALYSIS

ST. LOUIS, MO.

CARBON MONOXIDE
APRIL 1966

DAY OF MONTH	AM 1	AM 2	AM 3	AM 4	AM 5	AM 6	AM 7	AM 8	AM 9	AM 10	AM 11	AM 12	PM 12	PM 1	PM 2	PM 3	PM 4	PM 5	PM 6	PM 7	PM 8	PM 9	PM 10	PM 11	DAILY MAX	DAY OF MO.	MO. MAX
1																											
2*																											
3*																											
4																											
5	0	0	0	0	0	0					3	3	2	2	2	2	4	4	1	1	1	1	1	2	1.3	20	9
6	2	2	2	2	2	2	3			3	4				4	4	5	5	4	8	5	5	5	4	3.6	19	18
7	3	3	3	2	2	2	4	4	3	3	4	3	4	4	4	4	5	4	3	2	3	3	3	3	3.3	24	7
8	2	2	2	1	1	1			6	7	4	3	5	4	2	2	3	2	1	1	0	0	0	0	2.2	22	11
9*	0	0	0	0	0	0	1	1	1	1	2	2	2	3	3	3	2	3	2	3	2	1	2	1	1.5	24	5
10*	1	1	1	1	1	2	4	3	1	1	2	2	2	3	4	3	3	2	3	3	2	1	1	2	2.1	24	10
11	0	0	0	0	0	0	2	5	5	3	4	3	4	3	4	5	6	5	3	2	2	2	2	2	2.6	24	12
12	2	2	2	2	2	3	3	7	5	5	6	5	4	5			8	7	5	4	4	4	4	4	4.1	22	15
13	4	4	3	3	3	3	4	6	7	6	6	5	5	6	7	6	7	7	6	7	7	6	9	6	5.5	24	28
14	5	5	5	5	4	4	6	7	7	8	7	7	8	8	7	6	8	8	6	6	7	6	8	8	6.4	24	13
15	6	4	6	5	4	5	7	11	13	10	8	7	6	7	6	7	8	8	7	9	9	7	7	7	7.2	24	19
16*	6	8	7	8	7	7	7	10	7	10	8	7	6	6	6	8	7	6	6	6	7	6	7	6	6.9	24	19
17*	6	6	5	5	4	4	4	5	4	4	5	5	5	5	5	6	6	5	5	5	5	6	8	6	5.2	24	23
18	5	4	4	4	4	4	8	11	15	9	9	8	9	10	10	11	13	9	6	4	5	5	4	4	7.3	24	25
19	3	3	3	3	3	4	7	12	11	10	7	5	5	5	5	6	9	8	5	6	4	4	5	3	5.7	24	18
20	4	3	3	3	3	3	5	11	7	6	6	5	6	6	13	8	8	11	3	2	2	1	1	1	5.0	24	21
21	1	1	1	1	1	1	3	5	4	3	4	4	5	5	6	6	8	8	5	5	3	3	2	3	3.7	24	15
22	2	1	1	2	5	3	5	6	6	4	5			5	6	7	12	9	4	4	4	3	3	4	4.5	22	25
23*	3	2	2	2	2	2	4	5	3	4	4	6	5	5	5	6	5	5	4	4	4	4	4	4	3.8	24	9
24*	4	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	4	4	4	5	8	11	3.4	24	14
25	10	10	9	6	4	7	19		7	6	7	6	6	6	8	10	9	6	6	7	6	6	6	5	7.5	23	29
26	4	4	3	3	3	5	8	8	7	8	7	6	5	6	6	9	11	4	4	3	3	4	3	3	5.3	24	22
27	3	3	3	3	4	5	7	9	9	7	7	6	7	7	7			5	7	5	5	4	4	4	5.5	22	15
28	3	3	3	3	3	3	6	5	5	5	5	6	6	7	6	8	6	5	5	5	5	4	4	4	4.8	24	12
29	3	3	3	3	3	5			7		5	7	6	6	7	14	12	7	5	5	4	5	5	4	5.7	21	25
30*	4	5	4	4	3	4	5	5	5	4	5	4	4	4	4	4	4	3	3	3	3	3	3	3	3.9	24	12
	3	3	3	3	3	3	5	7	6	5	5	5	5	5	6	6	7	6	4	4	4	4	4	4	4.6		
MAX	26	26	26	26	26	26	23	21	24	24	26	24	24	25	25	24	25	26	26	26	26	26	26	26		603	
MIN	10	10	9	8	7	7	19	12	15	10	9	8	9	10	13	14	13	11	7	9	9	7	9	11	7.5		29
MAX																											

WED., MAR. 22, 1967

* Indicates [illegible]
Local standard time used

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONCENTRATION IN PPM
INFRARED ANALYSIS

ST. LOUIS, MO.

CARBON MONOXIDE
MAY 1966

DAY OF MONTH	AM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	PM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS	5 MIN MAX
1*	3	2	3	2	2	2	3	3	3	3	3	3	3	3	4	4	4	4	5	3	4	4	5	3	3.1	24	7
2	2	3	4	4	4	5	6	5	6	6	5	5	5	7	7	11	6	4	6	7	7	5	5	4	5.3	24	23
3	3					4	6	5	5	5	5	5	5	6	6	8	6	5	4	3	3	3	3	3	4.6	20	12
4	3				3	5	8				6	5	4	4	4	8	8	4	4	4	3	3	4	3	4.5	18	13
5	2	2	2	2	2	6	10	8	7	5	5	5	5	6	6	9	6	4	4	4	4	4	4	3	4.8	24	18
6	2	2	2	2	2	3	5	5	5	5	5				4	7	6	2	2	2	2	2	4	3	3.4	21	10
7*	2	1	1	1	1	2	3	4	3	2	3	2	3	3	4	4	4	3	5	4	4	3	3	2	2.9	24	15
8*	2	2	1	1	1	1	2	1	1	2	2	2	3	3	4	4	3	3	2	2	2	1	1	1	1.9	24	9
9	0			0	1	1	3	4	4	4	4	4	4	4	4	6	5	3	3	3	4	4	2	1	3.1	22	9
10	1	1	1	1	1	2	8	5	4	4	4	4	5	5	6	9	7	4	3	2	2	2	2	1	3.5	24	16
11	1	1	1	1	1	4	7	7	5	6	7	5	7	5	7	10	8	3	4	4	4	3	4	2	4.4	24	16
12	2	2	2	2	2	3	4	5	5	4			4	4	5	7	6	4	5	4	4	4	5	4	3.8	22	9
13	3	3	2	3	3	4	6	6	8	6	5	4	5	5	5	6	6	4	4	3	3	4	4	3	4.3	24	13
14*	2	3	2	2	2	3	4	3	4	4	5	4	4	5	5	5	5	5	4	5	8	4	4	3	4.0	24	16
15*	2	2	2	2	2	3	3	2	3	3	3	5	5	4	5	4	5	3	3	3	5	4	4	3	3.3	24	10
16	2	2	2	2	2	4	5	6	7	6	8	6	6	6	7	8	8	5	6	6	5	4	6	3	5.1	24	13
17	3	2	2	2	2	3	6	6	10	7	4	5	6		7	10	8	6	6	3	2	2	2	2	4.6	23	21
18	5	2	1	1	1	2	4	4	4	4	4	3	4	4	4	5	4	3	4	3	3	4	4	4	3.4	24	8
19	4	3	2	2	2	3	6	4	4	4	4	4			3	5	4	3	4	5	4	4	4	3	3.5	22	11
20	2	1	2	1	2	5	11	9	7	6		6	6	6	4	5	7	4	5	3	3	4	4	3	4.5	23	20
21*	2	2	1	1	2	2	4	5	5	4	4	3	3	3	3	3	3	3	3	5	2	2	3	3	2.9	24	10
22*	2	2	1	1	1	3	2	2	3	2	2	3	4	4	3	4	4	4	4	4	5	3	3	2	2.7	24	14
23	2	1	1	1	2	3	6	7	6	5	6	5	6	7	8	9	8	5	6	3	2	1	1	1	4.3	24	14
24	1	1	1	1	2	3	4	4	4	4	4	4	5	4	5	6	5	3	4	3	3	4	4	4	3.4	24	16
25	3	2	4	4	4	7	10	9	6	5	5	6	5	5	6	6	7	5	4	3	4	5	5	4	5.2	24	19
26	4	3	4	4	2	3	6	7	5	5	3	4	4	4	4	5	4	4	5	4	4	5	3	3	4.3	24	13
27	2	2	1	1	3	4	6	6	8	5	4	4		4	6	7	5	4	4	5	5	6	8	6	4.7	23	16
28*	4	4	3	3	3	3	3	3	3	3	3	3	3	4	3	4	3	4	3	3	4	4	3	4	3.2	24	7
29*	2	2	2	2	2	2	2	2	2	3	3	5	4	4	4	4	4	3	3	3	3	3	4	3	3.0	24	8
30	2	2	2	2	2	2	2	2	2	3	3	3	4	4	4	4	4	3	4	3	3	4	4	4	3.0	24	6
31	2	2	2	2	3	4	6	6	7	6	5	5	5	5	5	7	6	4	4	4	3	4	4	3	4.3	24	14
MEAN	2	2	2	2	2	3	5	5	5	4	4	4	4	5	5	6	5	4	4	4	4	3	4	3	3.8		
NO.	31	28	28	29	30	31	31	30	30	30	29	29	28	28	31	31	31	31	31	31	31	31	31	31		722	
MAX	5	4	4	4	4	7	11	9	10	7	8	6	7	7	8	11	8	6	6	7	8	6	8	6	5.3		23

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., MAR. 22, 1967

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U.S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONCENTRATION IN PPM
INFRARED ANALYSIS

ST. LOUIS, MO.

CARBON MONOXIDE
JUNE 1966

DAY	AM 12 1	AM 1 2	AM 2 3	AM 3 4	AM 4 5	AM 5 6	AM 6 7	AM 7 8	AM 8 9	AM 9 10	AM 10 11	AM 11 12	PM 12 1	PM 1 2	PM 2 3	PM 3 4	PM 4 5	PM 5 6	PM 6 7	PM 7 8	PM 8 9	PM 9 10	PM 10 11	PM 11 12	DAILY MEAN	DAILY MIN	DAILY MAX
1	4	5	4	4	5			10			7	7	7	7	6	7	6	5	7	5	5	8	10	6	6.0	20	14
2	4	7	4	4	4	6	9	8	7	6	7	6	6	7	7	11	8	7	7	4	4	6	4	4	6.1	24	17
3	4	3	3	2	3	5	9	9	7	6		5	5	6	7	8	9	5	5	4	5	4	6	3	5.4	23	19
4*	3	3	3	3	3	3	4	5	7	6	6	7	6	5	6	6	5	5	5	4	4	6	3	3	4.5	24	13
5*	3	3	3	2	2	3	3	3	3	3	4	4	4	5	5	4	4	3	4	4	4	4	3	3	3.4	24	7
6	2	2	2	2	2	4	9	11	8	8	4	4	4	4	4	6	5	3	3	4	4	4	6	6	4.6	24	19
7	6	5	5	4	3	7	10	9	6	5	5	5	6	5	6	9	9	4	6	3	3	3	3	3	5.4	24	16
8	2	2	2	3	2	5	6	8	8	7	6	6	6	7	7	8	8	4	3	3	3	4	3	3	4.8	24	20
9	3	2	2	2	2	5	13	5	4	4	5	4	4	4	4	3	3	2	2	2	2	2	3	2	3.5	24	22
10	2	2	2	2	2	3	6	5	5	5	5	5	6			8	8	4	5	4	5	5	4	4	4.4	22	14
11*	3	3	3	3	3	4	6	4	5	5	5	4	6	5	5	6	5	4	4	3	3	3	4	4	4.2	24	13
12*	4	4	3	2	3	3	4	4	4	4	5	5	5	5	6	7	5	5	4	5	5	4	4	4	4.2	24	9
13	2	2	2	2	3	4	7	7	6	6	7	8	6	5	5	7	5	4	3	3	3	2	3	3	4.3	24	13
14	3	2	2	2	2	2		5	5	5	4	6	5	4	6	7	6	3	3	4	4	5	5	3	4.1	23	19
15	2	2	2	2	3	5	12			8	7	5	5	7	8	11	7	5	5	4	2	3	3	3	5.0	22	21
16	3	2	3	2	2	3	5	5	4	4	4	4	5	4			5	5	5	4	6	5	5	5	4.1	22	9
17	6	5	6	5	4	6	7	6	6	5	5	5	5	5	6	6	6	4	5	5	4	6	6	6	5.4	24	12
18*	6	4	4	3	3	5	8	7	6	4	4	5	5	4	3	4	4	4	3	3	5	5	5	6	4.6	24	12
19*	5	6	7	6	8	10	9	9	5	4	5	5	5	5	5	4	6	7	5	4	5	5	5	3	5.7	24	14
20	3	3	2	2	3	6	12	9	7	9	7	8	8	9	8	12	10	7	8	6	5	7	9	4	6.7	24	21
21	3	3	3	3	3	7	12	9	8	7	6		6	5	6	9	5	5	5	4	3	6	3	3	5.5	23	18
22	3	2	2	2	3	6	11	9	4	5	4	4	4	5	5	8	7	4	4	3	2	5	5	2	4.5	24	15
23	1	2	2	1	2	4	10	8	7	4	3	4	4	5	5	8	6	4	4	3	3	2	3	1	4.0	24	14
24	2	2	2	2	1	6	12	8	6	6	5	5	6		6	10	8	5	4	4	4	5	4	3	5.0	23	23
25*	3	3	2	2	2	4	6	5	6	5	5	5	5	6	6	6	6	5	5	4	3	4	5	4	4.5	24	12
26*	3	3	3	3	3	3	4	3	4	3	3	4	4	4	5	5	4	5	4	5	4	5	6	4	3.9	24	8
27	4	4	4	4	4	6	14	9	9	6	7	5	5					5	7	4	3	6	3	2	5.5	20	22
28	2	2	2	2	2	4	10	10	7	6	5	4	5	5	5	5	4	3	3	2	3	4	4	3	4.2	24	17
29	2	2	2	2	2	3	6	5	4	4		6	5	7	9	7	7	5	5	4	4	4	6	4	4.7	23	14
30	6	4	4	4	3	4	9	8	7	5	6	7	6	6	7	9	8	5	5	5	5	5	5	5	5.8	24	16
MEAN	3	3	3	3	3	5	8	7	6	5	5	5	5	5	6	7	6	5	5	4	4	5	5	4	4.8		
SUM	30	30	30	30	30	29	24	29	28	29	28	29	30	27	27	28	29	30	30	30	30	30	30	30		701	
MAX	6	7	7	6	8	10	14	11	9	9	7	8	8	9	9	12	10	7	8	6	6	8	10	6	6.7		23

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., MAR. 22, 1967

CONTINUOUS AIR MONITORING PROGRAM

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

ST. LOUIS, MO.

CONCENTRATION IN PPM
INFRARED ANALYSIS

CARBON MONOXIDE
JULY 1966

DAY OF MONTH	AM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	PM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS	5-MIN MAX
1	7	4	3	3	4	6	16	14	9	6	6	6	9	8	8	9	12	8	8	7	7	6	6	7	7.5	24	25
2*	4	3	4	3	3	3	5	5							5	5	5	5	4	5	5	5	5	5	4.4	18	11
3*	3	3	3	4	3	3	4	3	3	3	3	3	3	4	5	5	4	5	5	5	4	5	5	4	3.8	24	11
4	3	3	3	3	3	3	5	3	3	3	4	4	4	5	5	5	5	5	5	6	6	10	4	4	4.3	24	17
5	3	3	3	3	3	4	7	8	11	9	6	7	8	7	9	12	9	8	7	8	7	6	6	6	6.6	24	20
6	4	6	4	4	4	7	13	12	8	6	7		6	5	6	6	5	5	4	4	5	4	6	4	5.9	23	34
7	4	6	3	3	4	5	8	7	7	7	5	5	5	7	6	6	5	5	4	4	5	6	5	5	5.3	24	14
8	4	4	4	4	5	7	13	13	7	7	6	6	8	6	6	9	9	6	7	5	5	10	6	5	6.8	24	28
9*	3	3	4	3	4	5	7							6	6	6	7	7	6	5	8	5	4	5	5.1	18	17
10*	4	3	3	3	3	3	4	4	4	4	4	4	5	5	6	6	6	6	6	6	6	6	6	5	4.7	24	9
11	4	4	4	4	4	8	12	9	9	9	8	7	7	8	8	11	11	7	7	6	6	6	6	5	7.0	24	22
12	5	4	4	4	4	6	17	9	7	7	7	7	6	7	9	9	9	9	9	8	6	10			7.4	22	33
13																											
14		6	5	5	5	7	9	10	8	8	8	8	9	9											7.5	13	20
15																											
16*																											
17*																											
18																											
19																											
20																											
21		2	1	1	2	2								5	6	9	8	6	7	5	3	3	8	3	4.4	16	24
22	2	2	2	2	3	6	9	6	7	5	5	5	6	6	7	9	9	5	5	5	4	4	5	4	5.1	24	20
23*	3	3	3	3	3	4	6	7	6	4	4	4	3	5	4	5	5	4	4	3	3	3	3	3	3.9	24	14
24*	2	2	2	2	1	2	3	2	2	2	2	3	2	2	3	3	2	2	2	2	2	2	3	2	2.2	24	5
25	3	2	2	2	2	4	10	13	10	12	10	10	11	7	6	11	9	6	7	4	3	4	8	3	6.5	24	27
26	2	2	2	2	3	4			9	10	9	7	5	6	7	10	7	4	3	4	5	4	4	3	5.1	22	19
27	3	2	2	2	3	6	16	10	7	5	4	4	5	6	6	11	8	5	5	5	3	3	3	3	5.3	24	30
28	2	3	2	2	2	3	6	11	9	8	8	7	5	5	6	6	6	3	3	3	3	4	6	4	4.9	24	19
29	3	2	2	2	2	4	7	5	6	5	6	7			8	15	10	6	7	5	5	6	8	8	5.9	22	28
30*	6	5	6	5	4											7	6	7	6	5	9	6	6	6	5.9	14	16
31*	5	5	4	4	4	5	6	6	5	5	6	6	6	6	7	10	7	7	5	5	6	6	6	5	5.6	24	14
	4	3	3	3	3	5	9	8	7	6	6	6	6	6	6	8	7	6	5	5	5	5	5	4	5.4		
MEAN	22	24	24	24	24	23	21	20	20	20	20	19	19	21	22	23	23	23	23	23	23	23	22	22		528	
NO.	7	6	6	5	5	8	17	14	11	10	10	10	11	9	9	15	12	9	9	8	9	10	8	8	7.5		34
MAX																											

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., MAR. 22, 1967

[redacted] AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

HOURLY AVERAGES OF
GASEOUS POLLUTANT CONCENTRATIONS

ST. LOUIS, MO.

CONCENTRATION IN PPM
INFRARED ANALYSIS

CARBON MONOXIDE
AUG. 1966

DAY OF MONTH	AM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	PM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF OBS.	5 MIN MAX
1	5		4	4	5	7			9	9	9	9	9	9	14	15	10	7	7	5	5	8	4	5	7.5	21	31
2	4	4	4	3	3	4	6	6	6	6	6	5	5	6	7	8	7	6	6	5	4	6	5	3	5.1	24	14
3	3	3	3	4	4	4			5	5	6	6	7	7	7	7	6	4	4	4	6	6	5	6	5.0	22	12
4	4	3	3	4	3	4						6	6	6	7	8	5	4	5	4	5	6	6	3	4.8	19	11
5	3	3	3	3	4			12	8	11	8	7	6	7	8	9		5	4	4	4	4	5	4	5.7	21	19
6*	4	4	4	5	5	7	10	9	8	6	5	5	5	5	5	5	5	5	6	7	5	5	10	6	5.9	24	15
7*	4	3	3	3	3	3	3	3	3	4	3	3	3	3	4	4	4	5	5	4	4	4	5	3	3.6	24	8
8	3	4	5	5	7	9	12	14	8	7	5	5	6	6	5	8	5	4	3	2	3	3	3	3	5.6	24	22
9	3	2	2	2	2	4	7	7	6	5	4	4	4	6	6	9	8	4	5	3	3	10	6	2	4.7	24	43
10	2	1	1	2	2	4	9	10	7	6	6	7	7	8	8	7	4	3	3	2	2	4	3	2	4.5	24	19
11	2	2	2	2	2	3	5	5	5	4	4	4	4	5				5	5	5	4	8	8	6	4.3	21	26
12	6	5	4	4	4	6	11	7	5	5	5	4	4	4	5	10	9	4	5	3	2	4	4	2	5.2	24	24
13*	2	1	1	1	2	2	3	4	3	4	4	4	4	2	2	4	2	2	2	3	3	7	7		3.0	23	9
14*	4	3	2	2	2	3	2	2	1	0				1	2	2	1	1	4	1	1	1	1	0	1.7	21	14
15	0	0	0	0	0		8	6	3	4	4	2			4	8	5	3	2	1	1	2	1	0	2.6	21	23
16	0	0	0	0	0	2	2	2	2	2	1	3	2	2	3		5	4	3	3	3	4	3	3	2.2	23	9
17	3	3	3	2	3		8	7	7	7	4	5	5	5	6	11	8	4	4	4	3	4	4	4	4.8	23	23
18	3	2	2	2	2	3		6	6	5	4	5	6	7	8	10	6	4	5	5	5	4	4	3	4.6	23	22
19																											
20*																											
21*																											
22									4	4	4	3	4	.		4		2	2	2	2	1	2	2	2.7	13	7
23	1	1	1	1	1	2	4	3	3	3	3	3	3	3	3	4	3	2	2	2	2	2	2	2	2.3	24	7
24	2	1	2	2	2									2	4	7	5	3	3	3	3	3	3	3	2.9	16	12
25	5	6	4	4	3	4			4	4	4	4	4	5	5	5	4	3	4	3	4	4	4	4	4.1	22	7
26	3	2	2	3	3				7	6	5	5	6	5	6	7	7	6	8	6	7	6	10	5	5.4	21	19
27*	4										5	5	5	7	6	6	8	6	5	5	5	4	6	5	5.3	15	13
28*	5	4	4	4	3	4	4	4	5	4	4	4	4	5	5	4	4	4	6	4	4	4	4	3	4.2	24	13
29	3	3	3	3	3	5				6	6	6	7	6	7	10	15	5	5	5	4	4	5	3	5.4	21	20
30	3	3	3	3	3	5	11	9	7	7	6	5	6	5	8	11	9	5	5	5	6	5	6	5	5.8	24	25
31	4	4	4	3	5	9	14	13	10	7	6	6	8	8	7	10	9	5	6	5	6	8	9	6	7.1	24	19
MEAN	3	3	3	3	3	4	7	7	6	5	5	5	5	5	6	7	6	4	4	4	4	5	5	3	4.5		
NO. OF OBS.	27	25	26	26	26	21	17	19	24	25	25	26	25	26	26	26	25	28	28	28	28	28	28	27		610	
5 MIN MAX	6	6	5	5	7	9	14	14	10	11	9	9	9	9	14	15	15	7	8	7	7	10	10	6	7.5		43

* Indicates Saturday or Sunday
Local standard time used

TABULATED: WED., MAR. 22, 1967

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

ST. LOUIS, MO.

CONCENTRATION IN PPM — INFRARED ANALYSIS

CARBON MONOXIDE
SEPT. 1966

DAY OF MONTH	AM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	PM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS	1 MIN. MAX
1	4						15	13			5	7	6	7	7	11	9	5	7	6	6	7	5	4	7.3	17	29
2	4	4	3	3	3	5	12	12	9	8	7	9	8	8	10	12	10	7	9	6	5	5	4	4	7.0	24	29
3*	3	3	3	3	2	4	4	5	3	4	5	5	5	5	4	4	3	3	4	5	5	4	4	3	3.8	24	13
4*	3	3	2	2										3	3	4	3	3	3	3	3	3	3	3	2.9	15	5
5	2	3	3	3	2	2	3	4	3	3	3	4	3	3	4	5	5	4	4	4	4	4	4	4	3.5	24	10
6	3	3	3	3	3	4	7	7	6	7	6	6	7	6	6	8	7	5	5	5	5	6	6	5	5.4	24	13
7	5	5	5	4	4	5	10	10	8	7	6	6	7	6	7	11	8	6							6.6	18	20
8												3	5	6	10	10	7	5	6	5	5	5	5	5	5.9	13	16
9	5	4	4	4	4	6	11	13	10	8	8	6	6	7	8	12	11	6	6	6	6	6	5	5	6.9	24	25
10*	4	6	5	5	5	6	7	7	6	5	6	5	5	5	5	5	6	4	3	5	10	11	10	7	6.0	24	18
11*	7	6	7	6	4	4	5	5	5	6	6	6	5	7	7			5	6	5	4	4	6	4	5.4	22	13
12	4	3	4	4	5	6	10	10	9	8	6			5	6	8	8	5	5	5	4	5	5	4	5.9	22	19
13	4	3	3	3	4	9	11	10	7	6	5	5	6	5	7	8	9	5	8	5		6	6	3	6.1	24	21
14	3	3	2	2	3	6	11		7	6	6	5	5	4	6	10	7	4	3	3	3	3	3	2	4.7	23	17
15	2	2	2	2	2	3	6	5	4	4	4	4	4	4	4	10	5	3	4	3	4	4	5	4	4.0	24	44
16	2	2	2	2	2	5	7	5	8	9	7	6	6			10	9	6	7	6	6	6	16	11	6.3	22	37
17*	8	5	5	7	5	8	9	9	9	6	5	4	4	4	5	5	5	5	5	6	5	6	11	8	6.3	24	15
18*	5	5	4	4	4	5	4	4	5	4	4	8		5	7	7	6	5	4	4	4	4	4	3	4.7	23	14
19	3	2	3	3	2	3	6	8	9	9	7	6	6	6	7	9	8	8	7	6					5.8	20	14
20							8	7	7	6	6	5	5	6	8	9	8	5	5	5	5	4	4	4	6.0	18	13
21							6	6				6	5	5	6	8	7	5	5	6	9	9	10	8	6.7	15	20
22																											
23																											
24*							7	7	6	9	8	7	6	5	6	6	6	5	5	5	5	5	8	7	6.3	18	19
25*																											
26							8	7	7	7	7	8	9	8	7	12	11	6	6	5	4	5	7	4	7.1	18	20
27	3	3	3	3	3	5	6	8	8	6	5	5	5	5	7	9	7	5	5	5	6	7	6	6	5.5	24	26
28	6	5	5	5	5	7	13	13	9	8	7	5	6	5	5	7	7	9	8	7	7	7	5	5	6.9	24	15
29	3	3	3	3	3	5	12	8	6	5	4	4	4	6	6	6	5	5	5	5	4	5	4	4	4.9	24	21
30	3	3	3	3	3	4	8	7	7	9	7		2	3	4	5	4	3	4	3	2	6	5	2	4.2	23	18
MEAN	4	4	4	4	3	5	8	8	7	6	6	6	5	5	6	8	7	5	5	5	5	6	6	5	5.6		
NO	22	21	21	21	20	20	25	24	23	23	24	24	24	26	26	26	26	27	26	26	25	25	25	25		575	
MAX	8	6	7	7	5	9	16	13	10	9	8	9	9	8	10	12	11	9	9	7	10	13	16	11	7.3		44

* Indicates Saturday or Sunday
Local standard time used

TABULATED

WED., MAR. 22, 1967

CONTINUOUS AIR MONITORING PROGRAM

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

ST. LOUIS, MO.

CONCENTRATION IN PPM
INFRARED ANALYSIS

CARBON MONOXIDE
OCT. 1966

DAY OF MONTH	AM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	PM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF OBS.	DAILY MAX
1*	1	0	0	0	0	0	1	1	1	1	1	1	1	1	2	2	2	1	1	3	4	4	4	2	1.4	24	8
2*	1	1	0	0	0	0	1	1	1	1	2	2	2	2	3	3	2	2	2	1	1	2	2	1	1.4	24	4
3	1	1	1	1	1	2	5	5	4	5	4	4	4	3	4	7	6	3	2	2	3	3	2	1	3.0	24	12
4	1	1	1	1	1	1	2	3	3	2	2	2	2	3	3	4	3	2	2	2	2	2	2	2	2.1	24	5
5	2	1	1	1	1	2	5	5	3	3	3	2	2	3	4	5	3	2	3	3	3	3	3	3	2.8	24	13
6	3	5	4	5	4	7	13	13	12	6	5	4	5	4	5	9	10	6	7	5	7	4	4	3	6.2	24	31
7	3	3	2	2	3	6	14			7	6	7			8	10	8	5	6		4	4	7	3	5.7	19	23
8*	3	3	3	2	2	3	5	5	5	6	6	6	7	5	7	11	14	11	12	12	8	6	7	4	6.3	24	26
9*	4	3	3	2	2	3	4	3	3	4	4			4	9	10	5	3	3	3	3	3	3	3	3.8	22	18
10	3	3	2	2	2	3	6	8	8	8	6	5	5	5	6	7	6	6	8	7	6	6	7	5	5.5	24	14
11	4	4	4	4	4	5	11	12	11	9	6	5	5	5	5	10	14	9	7	7	7	5	5	4	6.8	24	27
12	4	4	3	3	4	7	16	10	6	8	7	5	5	5	6	8									6.4	16	20
13																											
14		2	2	2	2	4	5	7	8	7	7	5			6	10	5	3	2	3	2	2	3	3	4.2	21	22
15*	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	2	2	2	2	2	2	2	2.0	24	3
16*	2	2	3	2	2	2	2	2	2	2	2	3	2	2	2	4	3	3	3	3	3	3	3	2	2.4	24	5
17	2	2	2	2	2	4	9	9	10	9	8	5	5	5	7	13	10	8	6	4	5	3	3	2	5.6	24	27
18	2	2	2	2	2	3	6	6	4	6	6	5	5	4	5	7	5	4	3	3	2	2	3	2	3.7	24	13
19	2	2	1	1	1	1	4	6	5	5	4	3	3	3	3	5	5	5	6	5	5	4	7	7	3.9	24	11
20	4	4	3	3	3	6	14	14	9	7	7	7	8	7	8	12	12	9	5	4	5	4	3	3	6.6	24	21
21	3	3	2	2	2	6	10	10	8	7	6		5	8	8	9	8	5	4	4	5	4	5	5	5.6	23	25
22*	4	4	4	4	4	4	5	6	6	4	4	5	4	4	5	5	5	5	5	5	5	5	6	6	4.8	24	13
23*	5	5	5	5	6	5	5	6	6	6	6	6	6	7	7	6	6	6	7	7	7	9	10	8	6.4	24	12
24	8	8		8	7	13	24		16	11	9	5	5	5	5	6	6	5	6	6	5	5	7	5	7.9	22	32
25	4	4	4	4	4	8		10	10	9	7	5	5	6	6	8	8	6	5	6	5	6	6	6	6.1	23	14
26	4	4	4	4	5	8	19	13	10	8	6	5	6	6	6	12	12	9	9	8	6	6	7	6	7.6	24	37
27	4	4	4	4	4	5	8	14	13	9	9	8	7	7	8	13	17	7	5	4	5	6	5	3	7.3	24	28
28	4	3	3	3	3	7	14	14	9	11	7	9				8	8	8	12	13	6	6	5	3	7.4	21	25
29*	3	2	2	2	2	2	2	2	3	3	3	4	3	3	3	3	3	3	3	3	3	3	3	3	2.8	24	10
30*	2	2	2	2	2	2	2	2	3	3	3	3	4	4	4	4	4	3	3	3	3	3	4	5	3.0	24	6
31	4	4	4	3	3	3	4	8	9	11	9	6	6	6	6	7	7	7	5	5	5	5	5	6	5.8	24	13
MEAN	3	3	3	3	3	4	7	7	6	6	5	5	4	4	5	7	7	5	5	5	4	4	5	4	4.8		
NO.	29	30	29	30	30	30	29	28	29	30	30	28	26	27	29	30	29	29	29	28	29	29	29	29		695	
MAX	8	8	5	8	7	13	24	14	16	11	9	9	8	8	9	13	17	11	12	13	8	9	10	8	7.9		37

* Indicates Saturday or Sunday
Local standard time used

TABULATED: WED., MAR. 22, 1967

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CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONCENTRATION IN PPM
INFRARED ANALYSIS

ST. LOUIS, MO.

CARBON MONOXIDE
NOV. 1966

DAY OF MONTH	AM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	PM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS.	5 MIN. MAX.
1																											
2																											
3																											
4	7	6	6	7	5	6	9	16	14		11	10	8	8	9			6	4	4	4	4	4	4	7.2	21	24
5*	3	3	3	2	2	4	3	5	5	6	6	5	4	4	4	4	5	5	4	5	5	4	5	5	4.2	24	13
6*	5	4	3	3	3	3	3	4	4	4	4	4	5	8	5	5	16	7	4	5	5	4	6	7	5.1	24	39
7	4	4	4	4	3	4	6	11	9	7	8	7	7	7	6	9	11	8	5	3	4	3	3	3	5.8	24	16
8	2	1	1	1	1	3	4	8					5	6	6	11	14	10	5	5	4	3	2	3	4.7	20	25
9	2	1	1	1	1	2	5	11	9	7	7	10	9	7	8	9	10	13	4	5	2	2	2	2	5.4	24	27
10	2								3	6	4	3	3	3	4	5	7	13	3	4	8	5	6	4	4.8	17	33
11	2	2	2	1	1	1	4	6	6	5	4	4	5	5	5	5	8	8	6	6	6	3	5	7	4.5	24	17
12*	5	4	2	2	1	1	1	3	2	3	3	4	6	5	4	5	6	4	6	4	3	3	4	4	3.6	24	12
13*	3	3	2	2	2	2	2	3	3	4	4	5	5	5	4	6		6	7	9	10	11	10	8	4.9	23	21
14	9	7	8	5	5	7	13	23	23	21	17	8	10	10	5	8	22	29	20	12	9	15	6	7	12.4	24	68
15	6	6	4	3	2	4					10	8	8	8	8	8	20	19	7	6	5	4	5	4	7.3	20	47
16	4	3	3	2	3	3	6	15	11	9	9	9	8	8	8	9	12	10	5	4	4	4	4	4	6.5	24	26
17	3	3	3	2	2	3	5	10	8	7	9	7	8	8	8	9	13	15	6	7	6	5	4	5	6.4	24	29
18	4										6	5			7	8	9	7	5	5	5	5	5	5	5.8	13	11
19*	5	5	5	5	5	5	5	6	7	7	7	9	7	7	7	6	7	6	8	8	7	7	7	7	6.4	24	15
20*	6	5	4	4	4	4	5	7	5	6	8	6	6	7	7	7	7	7	7	5	6	5	7	6	5.8	24	17
21	6	5	4	4	4	4	9	16	13	13	12	9	8	9	8	9	14	14	8	7	7	7	7	6	8.5	24	30
22	5	5	5	5	6	5	6	9	9	8	8	8	8	8	8	8	13	12	7	6	6	6	6	6	7.1	24	25
23	6	5	5	5	5	5	7	11	11	10	9	10	9	10	10	11	14	13	8	7	6	6	7	7	8.3	24	23
24	6	6	5	5	4	4	5	6	5	6	6	7	7	6	5	7	7	5	5	6	6	5	6	5	5.7	24	11
25	4	4	4	4	4	3	4	6	8	9	10	10			8	8	13	17	9	10	10	7	9	8	7.7	22	28
26*	6	6	5	5	5	5	6	9	9	8	8	9	9	8	7	8	7	7	6	7	6	5	7	6	6.8	24	13
27*	5	5	4	4	4	4	5	5	5	5	5	5	5	5	5	6	7	6	5	6	6	6	6	6	5.2	24	9
28	6	6	7	7	7	7	8	9	10	12	12	12	12	11	9	10	11	10	9	9	9	9	9	9	9.1	24	17
29	9	9	9	9	9	9	10	12	12	14	13	12	12	12	12	11	13	12	10	10	11	11	11	11	11.0	24	16
30	11	10	10	10	10	9	10	12	12	14	13	12	12	12	12	12	15	13	11	11	11	11	9	9	11.3	24	20
MEAN	5	5	4	4	4	4	6	9	9	8	8	8	7	7	7	8	11	10	7	6	6	6	6	6	6.8		
NO.	27	25	25	25	25	25	24	24	24	23	26	26	25	25	27	26	25	27	27	27	27	27	27	27		616	
MAX	11	10	10	10	10	9	13	23	23	21	17	12	12	12	12	12	22	29	20	12	11	15	11	11	12.4		68

* Indicates Saturday or Sunday
Local standard time used

TABULATED

WED., MAR. 22, 1967

CONTINUOUS AIR MONITORING PROGRAM

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

ST. LOUIS, MO.

CONCENTRATION IN PPM
INFRARED ANALYSIS

CARBON MONOXIDE
DEC. 1966

DAY OF MONTH	AM 12-1	AM 1-2	AM 2-3	AM 3-4	AM 4-5	AM 5-6	AM 6-7	AM 7-8	AM 8-9	AM 9-10	AM 10-11	AM 11-12	PM 12-1	PM 1-2	PM 2-3	PM 3-4	PM 4-5	PM 5-6	PM 6-7	PM 7-8	PM 8-9	PM 9-10	PM 10-11	PM 11-12	DAILY MEAN	DAILY HIGH HOUR	DAILY HIGH MAX
1	9		12	11	11	10	10	13	14	14	15	7	7	8	8	8	10	10	8	7	7	7	8	7	9.5	23	17
2	7	6	6	6	6	6	7	10	9	11	11	9	9	10	9	10	13			8	9	9	9	9	8.6	22	21
3*	9	9	9	9	10	9	9	10	11	12	13	13	13	11	10	12	11	9	8	9	9	8	9	8	9.9	24	16
4*	8	7	7	8	7	7	8	8	8	8	7	8	7	7	8	8	7	6	8	6	6	6	6	7	7.2	24	12
5	6	6	6	5	5	6	9	15	15	15	15	14	15	13	12	13	18	20	10	7	6	7	6	7	10.6	24	34
6	7	6	6	6	6	6	7	11	10	9	10	10	9	7	8	11	15	16	7	5	5	5	6	7	8.1	24	23
7	7	6	5	5	5	5	6	12	11	12	11	9	9	9	8	9	13	11	6	5	5	4	6	4	7.6	24	18
8	3	2	2	2	2	2	4	9	9	6						5	5	5	3	3	2	2	3	2	3.8	19	15
9	2	2	2	2	2	2	3	6	5	7	6	5	6	6	6	6	9	7	4	4	5	3	4	4	4.4	24	17
10*	3	3	2	2	2	2	3	3	4	4	4	4	4	4	3	3	4	3	3	3	3	3	5	3	3.3	24	12
11*	3	3	2	2	2	2	3	3	3	3	3	3	4	4	4	5	6	4	4	5	4	4	4	5	3.5	24	10
12	4	4	4	4	4	5	6	8	8	7	8	8	6	8	6	7	10	9	7	6	5	5	5	5	6.1	24	22
13	5	4	4	4	4	5	7	8	11	9	9	10	9	8	9	10	18	18	7	5	5	6	6	7	7.8	24	37
14	6	5	5	5	4	4	6	21	14	11	9	10	9	9	9	10	17	16	8	7	5	5	6	6	8.6	24	37
15	6	5	5	5	5	6	9	17	13	11	11	11		11	9	7	23	23	8	6	6	8	7	6	9.5	23	46
16	7	3	3	3	3	3	4	9	9	8	9	9	8	7	9	12	10	11	7	6	10	8	8	9	7.3	24	20
17*	9	10	8	5	5	5	7	12	8	8	7	5	6	5	11	6	7	9	12	8	9	7	7	6	7.6	24	28
18*	4	5	4	3	4	3	4	5	4	4	5	5	6	5	5	6	7	6	11	12	15	9	6	6	6.1	24	21
19	4	3	3	3	3	4	7	12	13	14	11	10	8	7	6	6	9	7	5	4	4	4	3	3	6.3	24	25
20	3	3	3	3	2	3	4	6	6	7	7	6	5	5	7	8	17	18	8	5	6	6	5	5	6.2	24	32
21	4	4	2	3	2	3	8	17	12	8	11	11	7	7	7	7	11	10	6	7	6	5	5	4	6.9	24	28
22	4	4	3	3	3	3	4	8	7	7							10	12	6	6	6	6	6	6	5.6	18	31
23	5	5	5	5	5	5	6	9	9	10	9	8	8	8	8	8	7	7	6	6	6	5	7	7	6.8	24	17
24*	6	6	5	5	5	5	6	7	7	7					7	6	5	5	5	6	7	6	6	5	5.8	20	13
25*	5	5	5	5	5	5	5	5				6	6	6	5	5	5	5	6	6	6	5	6	5	5.3	21	8
26	5	4	4	5	5	5	5	6	6	6	6	6	6	6	6	6	6	5	5	5	5	5	5	6	5.3	24	12
27	5	4	3	3	4	4	6	11	11	13	12	11			8		8	6	4	3	3				6.5	18	21
28									6	6	7	6	6	5	5	5	6	3	2	2	1	1	1	1	3.9	16	12
29																											
30																											
31*																											
MEAN	5	5	5	4	5	5	6	10	9	9	9	8	8	7	7	8	10	10	6	6	6	6	6	6	6.8		
TOT	27	26	27	27	27	27	27	27	27	27	24	25	23	25	25	27	27	27	27	28	28	27	27	27		636	
MAX	9	10	12	11	11	10	10	21	15	15	15	14	15	13	12	13	23	23	12	12	15	9	9	9	10.6		46

* Indicates Saturday or Sunday
Local standard time used

(INITIATED)

WED., MAR. 22, 1967

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CONTINUOUS AIR MONITORING PROGRAM

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

ST. LOUIS, MO.

CONCENTRATION IN PPM
COLORIMETRIC ANALYSIS

NITRIC OXIDE
JAN. 1966

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS.	MAX
1*	.03	.03	.04	.02	.02	.01	.02	.02	.01	.02	.02	.02	.02	.02		.02	.03	.03	.03	.04	.04	.03	.03	.03	.024	23	.05
2*	.02	.02	.02	.02	.02	.01	.02	.03	.02	.02	.02	.02	.01	.01			.01	.01	.00	.01	.00	.00	.00	.01	.013	22	.03
3	.00	.00	.00	.00	.00	.01	.04	.10	.11	.13	.10	.12	.10	.08		.08	.14	.17	.08	.07	.07	.06	.06	.04	.068	23	.23
4		.03	.03	.02							.10	.07	.06	.05		.07	.14	.22	.09	.06	.06	.06	.04	.05	.071	16	.28
5	.05	.04	.03	.03	.04	.04	.04	.07	.08	.08	.05	.11	.06	.07		.06	.09	.10	.06	.04	.04	.03	.03	.03	.056	23	.17
6	.02	.02	.01	.01	.01	.01	.01	.01	.01	.01	.03	.03	.03				.04	.09	.07	.05	.09	.09	.08	.04	.035	21	.12
7	.04	.03	.04	.02	.01	.01	.02	.02	.03	.02	.04	.04	.03	.02		.02	.02	.03	.02	.02	.01	.01	.01	.02	.022	23	.05
8*	.01	.01	.01	.00	.00	.00	.01	.02	.03	.04	.04	.03	.02	.02		.03	.03	.04	.04	.03	.02	.02	.02	.02	.022	23	.06
9*	.02	.01	.01	.01	.01	.01	.01	.02	.01	.01	.01	.01	.02	.02		.06	.06	.09	.04	.03	.04	.04	.02	.02	.024	23	.13
10	.02	.01	.01	.03	.01	.01	.01	.02	.04	.02	.02	.02	.02	.02		.03	.04	.07	.03	.04	.05	.08	.07	.06	.032	23	.10
11	.05	.05	.02	.02	.02	.02	.04	.13	.17	.10	.07	.06	.05	.04		.06	.07	.12	.06	.04	.04	.03	.02	.02	.056	23	.21
12	.02	.02	.01	.01	.01	.01	.02	.07	.08	.06	.06							.07	.05	.04	.03	.02	.02	.02	.034	18	.11
13	.01	.01	.01	.00	.00	.00	.00	.01	.02	.02	.03	.04	.03	.02		.02	.04	.07	.05	.04	.05	.03	.14	.17	.035	23	.18
14	.11	.08	.07	.06	.04	.04	.06	.13	.17	.15	.15	.15	.11	.08		.11	.12	.16	.13	.13	.11	.06	.10	.06	.103	23	.20
15*	.08	.05	.07	.06	.04	.04	.06	.06	.06	.06	.04	.02	.02	.03		.02	.03	.02	.03	.04	.04	.02	.01	.01	.040	23	.09
16*	.05	.01	.02	.00	.00	.00	.00	.00	.01	.01	.01	.01	.01	.01		.02	.01	.02	.02	.02	.01	.01	.01	.01	.012	23	.08
17	.01	.00	.00	.00	.00	.00	.00	.03	.04	.04	.03	.04	.03	.03		.03	.04	.04	.03	.02	.01	.02	.02	.01	.020	23	.05
18	.03	.01	.01	.01	.01	.01	.01	.03	.06			.04	.03	.03		.03	.04	.05	.04	.04	.02	.03	.03	.02	.026	21	.09
19	.01	.01	.01	.00	.02	.02	.05	.14	.20	.13	.06	.05	.05	.04			.06	.09	.05	.04	.05	.04	.04	.04	.053	22	.26
20	.03	.02	.01	.02	.01	.02	.04	.11	.14	.10	.07	.05	.04	.04		.02	.06	.10	.07	.04	.06	.05	.05	.03	.051	23	.16
21	.02	.02	.01	.01	.01	.02	.03	.10	.13	.10	.10	.10	.08	.09			.10	.14	.06	.04	.04	.03	.03	.03	.058	22	.18
22*	.03	.03	.02	.03	.02	.02	.03	.05	.05	.04	.04	.03	.03			.01	.01	.01	.01	.00	.01	.00	.00	.00	.021	22	.07
23*	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		.01	.01	.01	.02	.02	.02	.02	.04	.01	.006	23	.05
24	.00	.00	.00	.00	.01	.01	.04	.06	.13	.10	.09	.06	.04	.05		.08	.09	.09	.05	.03	.03	.03	.03	.03	.045	23	.17
25	.03	.01	.01	.01	.00	.01	.02	.06	.09	.06	.05	.05	.06	.07			.10	.13	.09	.07	.06	.08	.10	.08	.055	22	.15
26	.05	.04	.05	.05	.04	.03	.05	.09	.12	.09	.06	.04	.03	.02		.02	.04	.06	.04	.08	.08	.12	.12	.07	.060	23	.18
27	.04	.08	.06	.03	.01	.01	.01	.03	.03	.02	.03	.03	.02							.02	.02	.01	.01	.01	.026	18	.10
28	.00	.00	.00	.00	.00	.00	.01	.04	.06	.04	.04	.06	.05	.04		.05	.05	.05	.02	.02	.01	.00	.01	.00	.023	23	.08
29*	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.001	23	.01
30*	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		.01	.00	.01	.01	.02	.02	.02	.04	.08	.009	23	.09
31	.06	.03	.02	.03	.02	.01	.03	.08	.12	.08	.08	.09	.08	.08			.10	.13	.05	.03	.01	.02	.01	.01	.053	22	.18
MEAN	.03	.02	.02	.02	.01	.01	.02	.05	.07	.05	.05	.05	.04	.04		.04	.05	.07	.04	.04	.04	.03	.04	.03	.037		
NO.	30	31	31	31	30	30	30	30	30	29	30	30	30	27		23	29	30	30	31	31	31	31	31		686	
MAX	.11	.08	.07	.06	.04	.04	.06	.14	.20	.15	.15	.15	.11	.09		.11	.14	.22	.13	.13	.11	.12	.14	.17	.103		.28

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., MAR. 22, 1967

CONTINUOUS AIR MONITORING PROGRAM

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

ST. LOUIS, MO.

CONCENTRATION IN PPM
COLORIMETRIC ANALYSIS

NITRIC OXIDE
FEB. 1966

DAY OF MONTH	AM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	PM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS.	DAILY MAX
1	.01		.00	.00	.01	.03	.02	.04	.08	.15	.13	.11	.06	.04		.04	.04	.04	.03	.01	.00	.00	.00	.00	.038	22	.17
2	.01	.00	.00	.00	.00	.00	.01	.05	.06	.05	.06	.05	.05	.04		.02	.03	.06	.06	.06	.06	.06	.06	.06	.035	23	.08
3	.04	.02	.03	.01	.01	.02	.04	.05	.08	.07	.05	.07	.06	.05		.02	.05	.04	.05	.01	.00	.00	.00	.01	.034	23	.09
4	.00	.00	.00	.00	.00	.00	.00	.02	.05	.05	.03	.03	.03					.04	.05	.06	.05	.05	.06	.06	.029	20	.09
5*	.10	.13	.09	.07	.04	.04	.06	.09	.10	.11	.06	.04	.04	.02		.02	.04	.04	.03	.02	.03	.02	.02	.09	.056	23	.15
6*	.06	.04	.04	.04	.03	.02	.02	.06	.04	.05	.04	.02	.01	.02		.03	.05	.05	.03	.03	.03	.02	.04	.03	.035	23	.09
7	.03	.01	.03	.04	.02	.03	.06	.19	.22	.17	.12	.13	.09	.06		.09	.12	.16	.08	.05	.05	.05	.05	.04	.081	23	.25
8	.02	.02	.01	.01	.01	.01	.03	.10	.11	.05	.05	.07	.05	.05		.05	.06	.13	.05	.04	.03	.03	.02	.02	.044	23	.19
9	.01	.01	.00	.00	.00	.00	.02	.09	.12	.06	.04	.03	.03	.04			.05	.05	.03	.04	.05	.07	.03	.02	.036	22	.17
10	.02	.03	.06	.03	.05	.05	.05	.13	.14	.11	.11	.10	.09	.07		.03	.08	.10	.03	.02	.02	.02	.02	.04	.059	23	.16
11	.07	.06	.04	.01	.00	.00	.03	.05	.04	.03	.02	.02	.01	.00						.03	.06	.09	.08	.22	.044	19	.31
12*	.13	.09	.09	.06	.02	.03	.02	.04	.05	.03	.02	.01	.01	.00		.02	.02	.02	.02	.02	.03	.02	.02	.03	.033	23	.16
13*	.01	.01	.00			.00	.00		.00	.00						.00	.00	.00	.00	.00	.00	.00	.00	.00	.002	16	.02
14	.00	.00	.00	.00	.00	.00	.01	.05	.06	.05	.05	.04	.03	.03		.03	.05	.05	.07	.07	.08	.11	.10	.09	.042	23	.12
15	.09	.06	.06	.06	.04	.06	.06	.12	.16	.10	.07	.08	.06	.05		.05	.10	.11	.07	.05	.05	.04	.05	.05	.071	23	.19
16	.04	.03	.03	.01	.01	.01	.02	.05	.04	.02	.01	.02	.01	.01			.01	.02	.01	.01	.02	.02	.04	.02	.020	22	.08
17	.00	.00	.00	.00	.00	.01	.02	.09	.10	.05	.04	.06	.06						.08	.12	.08	.05	.04	.06	.045	19	.14
18	.04	.04	.03	.02	.01	.02	.04	.10	.10	.07	.08	.07	.06	.02		.02	.03	.05	.05	.07	.06	.01	.02	.02	.044	23	.14
19*	.01	.01	.00	.00	.00	.00	.00	.01	.01	.01	.01	.01	.01	.01		.02	.02	.04	.02	.03	.03	.04	.01	.01	.013	23	.05
20*	.00	.00	.00	.00	.01	.01	.01	.02	.01	.00	.00	.00	.00	.00			.01	.02	.00	.01	.01	.01	.02	.00	.007	22	.03
21	.00	.00	.00	.00	.00	.00	.00	.05	.06	.05	.05	.04	.02	.02		.02	.04	.08	.05	.03	.02	.03	.02	.01	.027	23	.11
22	.01	.00	.00	.01	.01	.01	.04	.06	.07	.05	.03	.01	.01	.00		.01	.02	.04	.04	.03	.02	.02	.01	.03	.021	23	.09
23	.03	.02	.01	.01	.01	.01	.04	.06	.05	.03	.04	.08	.04	.03		.02	.05	.09	.04	.03	.03	.02	.02	.02	.032	23	.12
24	.02	.02	.02	.01	.01	.02	.04	.06	.07	.06	.04	.03	.02	.02		.02	.02	.06	.08	.07	.06	.05	.07	.07	.039	23	.10
25	.07	.03	.03	.02	.02	.01	.02	.04	.01	.01	.00	.00					.00	.02	.01	.01	.02	.02	.03	.03	.021	20	.08
26*	.02	.01	.00	.00	.00	.00	.01								.03	.01	.02	.02	.01	.02	.02	.02	.03	.03	.014	17	.05
27*	.02	.00	.01	.00	.00	.00	.00	.00	.00	.00	.00	.01	.00	.01			.02	.03	.01	.01	.01	.01	.01	.01	.007	22	.06
28	.01	.00	.00	.00	.00	.00	.01	.05	.07	.05	.05	.06	.04	.03		.04	.04	.05	.03	.02	.01	.01	.03	.03	.026	23	.10
MEAN	.03	.02	.02	.01	.01	.01	.02	.06	.07	.05	.05	.04	.03	.03		.03	.04	.05	.04	.03	.03	.03	.03	.04	.035		
NO. OF HRS.	28	27	28	27	27	28	28	26	27	27	26	26	25	23	1	20	25	26	27	28	28	28	28	28		612	
MAX.	.13	.13	.09	.07	.05	.06	.06	.19	.22	.17	.13	.13	.09	.07	.03	.09	.12	.16	.08	.12	.08	.11	.10	.22	.081		.31

* Indicates Saturday or Sunday
Local standard time used

CALCULATED WED., MAR. 22, 1967

[redacted]

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

HOURLY AVERAGES OF
GASEOUS POLLUTANT CONCENTRATIONS

ST. LOUIS, MO.

CONCENTRATION IN PPM
COLORIMETRIC ANALYSIS

NITRIC OXIDE
MARCH 1966

DAY OF MONTH	AM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	PM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS	S MIN. MAX
1	.02	.02	.02	.01	.01	.00	.01	.04	.04	.02	.02	.02	.01	.00			.03	.17	.17	.13	.06	.04	.06	.08	.044	22	.23
2	.05	.03	.03	.02	.01	.02	.02	.09	.11	.05	.03	.04	.03	.02		.02	.03	.04	.02	.01	.01	.01	.01	.01	.029	23	.19
3	.01	.00	.00	.00	.00	.01	.01	.06	.07	.03	.05	.05	.05	.04			.07	.11	.05	.08	.07	.08	.03	.01	.039	22	.15
4	.01	.01	.00	.00	.00	.00	.00	.03	.03	.01	.01	.01				.01	.03	.05	.04	.02	.05	.02	.01	.03	.017	21	.08
5*	.01	.00	.00	.00	.00	.00	.00	.01	.01	.01	.01	.01	.01	.00		.01	.01	.01	.00	.00					.005	19	.03
6*																											
7	.00	.00	.00	.00	.00	.00	.01	.02	.03	.02	.02	.01	.01	.01		.01	.02	.05	.04	.03	.05	.06	.02	.02	.019	23	.08
8	.03	.02	.02	.01	.01	.01	.03	.07	.08	.04	.03	.05	.04	.03		.03	.05	.11	.06	.04	.03	.02	.04	.03	.038	23	.17
9	.03	.02	.02	.01	.01	.01	.03	.09	.12	.08	.10	.12	.08	.07		.07	.13	.21	.10	.07	.06	.05	.05	.04	.067	23	.25
10	.03	.02	.02	.02	.01	.01	.01	.08	.15	.08	.06	.07	.04	.02		.02	.05	.10	.04	.01	.02	.02	.01	.04	.041	23	.19
11	.02	.01	.01	.01	.01	.01	.04	.11	.12	.03	.04	.04	.03	.02							.05	.09	.09	.07	.045	18	.18
12*	.08	.04	.03	.02	.02	.02	.02	.06	.07	.04	.04	.03	.02	.02		.01	.01	.02	.03	.02	.02	.02	.02	.02	.029	23	.10
13*	.02	.03	.02	.03	.01	.02	.02	.02	.03	.02	.02	.02	.02	.02			.02	.04	.03	.06	.03	.03	.03	.02	.024	22	.07
14	.02	.01	.01	.00	.00	.01	.02	.08	.14	.08	.04	.05	.03	.02		.05	.08	.15	.07	.06	.06	.08	.11	.11	.055	23	.19
15	.12	.07	.06	.02	.01	.01	.01	.08	.09	.05	.03	.01	.01	.02		.01	.03	.08	.06	.07	.07	.03	.06	.04	.044	23	.21
16	.04	.03	.03	.05	.05	.02	.08	.15	.13	.06	.03	.04	.02	.01		.01	.05	.13	.06	.05	.06	.04	.03	.04	.052	23	.18
17	.03	.01	.01	.01	.02	.02	.03	.13	.15	.05	.03	.03				.03	.02	.06	.02	.02	.00	.01	.01	.01	.032	21	.21
18	.00	.01	.00	.00	.00	.00	.01	.06	.05	.01	.01	.01	.01	.01		.01	.01	.02	.02	.02	.02	.05	.03	.07	.019	23	.10
19*	.02	.01	.00	.01	.00	.00	.00	.01	.01	.01	.01	.01	.01	.00		.00	.00	.00	.00	.00	.01	.02	.03	.02	.008	23	.05
20*	.02	.13	.12	.04	.04	.05	.06	.02	.01	.00	.01	.00	.00	.00		.00	.00	.00	.01	.02	.02	.01	.01	.02	.026	23	.15
21	.01	.00	.00	.01	.01	.01	.04	.13	.12	.08	.05	.03	.02	.02		.01	.04	.11	.04	.03	.04	.03	.01	.01	.036	23	.17
22	.04	.02	.01	.01	.00	.00	.02	.04	.05	.04	.04	.04	.02	.03		.02	.04	.08	.03	.02	.01	.01	.01	.01	.025	23	.10
23	.01	.00	.00	.00	.00	.00	.00	.02	.02	.01	.01	.01	.01	.01		.01	.01	.02	.01	.00	.00	.00	.00	.00	.007	23	.04
24	.00	.00	.00	.00	.00	.00	.01	.02	.02	.02	.01	.01	.01	.00		.01	.01	.01	.01	.01	.01	.03	.06	.04	.012	23	.07
25	.05	.03	.03	.03	.03	.04	.09	.10	.15	.07	.06	.05	.04	.03		.04	.06	.08	.04	.07	.08	.07	.08	.02	.057	23	.22
26*	.00	.00	.00	.00	.00	.00	.00	.01	.01	.01	.01	.01	.01	.01		.01	.00	.00	.00	.00	.00	.01	.02	.02	.005	23	.03
27*	.02	.01	.03	.03	.01	.01	.02	.03	.01	.01	.01	.01	.00	.00		.00	.00	.01	.01	.00	.01	.00	.01	.01	.010	23	.05
28	.01	.01	.00	.01	.01	.02	.04	.14	.11	.08	.03	.03	.03	.05		.04	.07	.11	.07	.08	.10	.08	.05	.06	.053	23	.18
29	.04	.07	.05	.03	.03	.02	.07	.12	.13	.07	.05	.02	.02	.03		.01	.00	.00	.00	.00	.00	.00	.00	.01	.034	23	.17
30	.00	.00	.00	.00	.00	.00	.01	.06	.03	.02	.01	.01	.01	.01		.01	.01	.06	.02	.04	.01	.01	.03	.02	.015	23	.09
31	.02	.01	.00	.00	.01	.00	.02	.07	.07	.04	.03	.03	.02					.10	.06	.08	.04	.00	.00	.00	.030	20	.13
MEAN	.02	.02	.02	.01	.01	.01	.02	.06	.07	.04	.03	.03	.02	.02		.02	.03	.07	.04	.03	.03	.03	.03	.03	.031		
NO.	30	30	30	30	30	30	30	30	30	30	30	30	28	27		25	28	29	29	29	29	29	29	29		671	
MAX	.12	.13	.12	.05	.05	.05	.09	.15	.15	.08	.10	.12	.08	.07		.07	.13	.21	.17	.13	.10	.09	.11	.11	.067		.25

* Indicates Saturday or Sunday
Local standard time used

TABULATED

WED., MAR. 22, 1967

CONTINUOUS AIR MONITORING PROGRAM

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U.S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

ST. LOUIS, MO.

CONCENTRATION IN PPM

COLORIMETRIC ANALYSIS

NITRIC OXIDE
APRIL 1966

DAY OF MONTH	AM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	PM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS.	5 MIN. MAX
1	.00	.00	.00	.00	.00	.00	.00	.00	.01	.01	.01	.01	.01	.00			.00	.01	.00	.01	.03	.00	.01	.01	.005	22	.04
2*	.00	.00	.00	.00	.00	.00	.00	.01	.01	.01	.01	.00	.00	.00		.01	.01	.01	.01	.02	.02	.00	.00	.00	.006	23	.03
3*	.00	.01	.00	.01	.00	.01	.02	.02	.00	.00	.00	.00	.00	.00		.01	.01	.01	.00	.00	.00	.00	.00	.00	.004	23	.02
4	.00	.00	.00	.00	.00	.00	.00	.01	.01	.00	.00	.00	.00	.00		.00	.00	.01	.01	.01	.01	.00	.01	.01	.004	23	.02
5	.01	.01	.01	.01	.01	.01	.01	.02	.02	.02	.01	.01	.01	.01		.01	.02	.02	.01	.01	.01	.01	.01	.01	.012	23	.03
6	.01	.01	.01	.01	.01	.01	.01	.04	.04	.02	.02	.01	.00	.00		.00	.00	.01	.01	.02	.04	.04	.04	.03	.017	23	.06
7	.04	.03	.02	.01	.01	.01	.02	.03	.03	.02	.01	.01	.01	.00		.00	.00	.00	.01	.00	.01	.02	.03	.03	.015	23	.04
8	.03	.01	.01	.01	.01	.01	.02	.06	.11	.09	.05	.02	.02	.01					.02	.01	.00	.00	.00	.00	.025	20	.13
9*	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		.00	.00	.00	.00	.00	.01	.01	.02	.01	.002	23	.02
10*	.02	.01	.03	.05	.13	.09	.15	.11	.05	.00	.00	.00	.00	.00					.00	.01	.01	.01	.00	.00	.033	20	.17
11	.00	.00	.00	.00	.00	.00	.01	.01	.05	.03	.03	.03	.03	.03		.02	.05	.07	.08	.07	.06	.06	.05	.04	.030	23	.08
12	.03	.03	.02	.02	.02	.02	.02	.02	.03	.03	.03	.03	.03	.03						.02	.02	.02	.01		.023	18	.03
13	.01	.01	.01	.01	.01	.01	.04	.04	.08	.06	.04	.04	.02	.01		.00	.02	.04	.03	.02	.01	.03	.04	.04	.027	23	.09
14	.04	.02	.01	.01	.01	.01	.02	.05	.08	.06	.06	.14	.03	.01		.00	.00	.01	.01	.01	.02	.03	.06	.07	.032	23	.19
15	.06	.04	.03	.08	.04	.03	.04	.09	.08	.05	.01	.03	.04	.03			.03	.05	.02	.02	.06	.04	.04	.05	.043	22	.11
16*	.03	.05	.06	.06	.05	.02	.03	.03	.04	.03	.02	.01	.01	.01		.00	.01	.01	.01	.01	.01	.01	.02	.04	.025	23	.08
17*	.04	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		.00	.00	.00	.00	.00	.00	.00	.01	.02	.004	23	.05
18	.01	.01	.00	.01	.00	.00	.01	.05	.07	.06	.04	.04	.04	.04		.03	.05	.10	.03	.01	.01	.01	.01	.01	.027	23	.12
19	.01	.00	.00	.00	.00	.00	.03	.08	.10	.06	.05	.03	.03	.03		.01	.03	.06	.03	.02	.02	.02	.02	.01	.027	23	.11
20	.00	.00	.00	.00	.00	.01	.01	.04	.06	.02	.03	.03	.02	.03		.05	.03	.10	.05	.00	.00	.00	.00	.00	.021	23	.13
21	.00	.00	.00	.00	.00	.00	.00	.02	.03	.03	.03	.02	.02			.01	.02	.06	.02	.02	.02	.02	.01	.02	.015	22	.07
22	.02	.00	.00	.01	.01	.01	.04	.06	.07	.04	.03	.03	.02	.01		.01	.04	.07	.03	.01	.01	.01	.01	.01	.023	23	.08
23*	.01	.01	.01	.01	.00	.01	.01	.03	.02	.01	.01	.00	.00	.00		.01	.03	.02	.03	.02	.02	.02	.02	.01	.013	23	.03
24*	.02	.02	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		.00	.00	.00	.00	.01	.03	.03	.08	.21	.018	23	.25
25	.24	.23	.19	.13	.05	.07	.15	.14	.04	.02	.03	.02	.02	.01		.03	.07	.01	.02	.03	.06	.04	.03	.02	.071	23	.24
26	.02	.01	.00	.00	.00	.01	.04	.08	.05	.04	.03	.04	.02	.02		.03	.07	.02	.00	.00	.00	.00	.00	.00	.021	23	.10
27	.00	.00	.00	.00	.00	.01	.04	.08	.07	.04	.05	.07	.07	.01		.03	.08	.02	.01	.02	.02	.02	.01	.01	.028	23	.11
28	.00	.00	.00	.00	.00	.00	.01	.03	.02	.01	.01	.01	.01	.01		.01	.02	.01	.01	.01	.01	.01	.01	.01	.009	23	.04
29	.01	.00	.00	.00	.00	.01	.06	.08	.05				.03	.03		.03	.08	.02	.01	.01	.01	.01	.02	.02	.023	20	.11
30*	.02	.01	.02	.01	.02	.01	.03	.03	.01	.01	.01	.01	.01	.01				.01	.00	.00	.00	.00	.01	.01	.011	21	.03
MEAN	.02	.02	.02	.02	.01	.01	.03	.04	.04	.03	.02	.02	.02	.01		.01	.03	.03	.02	.01	.02	.02	.02	.02	.020		
NO.	30	30	30	30	30	30	30	30	30	29	29	29	30	29		24	26	27	29	29	30	30	30	30		671	
MAX	.24	.23	.19	.13	.13	.09	.15	.14	.11	.09	.06	.14	.07	.04		.05	.08	.10	.08	.07	.06	.06	.08	.21	.071		.25

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TABULATED

WED., MAR. 22, 1967

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONCENTRATION IN PPM

COLORIMETRIC ANALYSIS

ST. LOUIS, MO.

NITRIC OXIDE
MAY 1966

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5 MIN MAX
1*	.01	.00	.00	.02	.02	.03	.03	.03	.02	.01	.01	.01	.01	.01		.00	.00	.01	.01	.01	.01	.01	.02	.01	.013	23	.05
2	.01	.01	.00	.00	.00	.03	.09	.06	.04	.03	.05	.03	.02	.01		.02	.03	.01	.01	.01	.03	.03	.05	.02	.026	23	.09
3	.03	.03	.06	.07	.06	.05	.10	.07	.04	.04	.03	.02	.01	.01		.01	.03	.01	.01	.01	.00	.00	.00	.00	.029	23	.12
4	.01	.01	.00	.00	.00	.02	.07	.07	.03	.02	.01	.01	.01	.01			.02	.00	.00	.00	.00	.00	.01	.01	.013	22	.10
5	.00	.00	.00	.00	.00	.02	.09	.07	.02	.01	.01	.01	.01	.00		.01	.02	.00	.00	.00	.00	.01	.01	.01	.013	23	.11
6	.00	.00	.00	.00	.00	.01	.03	.03	.01	.02	.01	.01	.00				.01	.01	.00	.01	.03	.03	.03	.09	.014	21	.11
7*	.03	.02	.01	.00	.01	.01	.05	.02	.03	.02	.01	.01	.01	.01			.01	.01	.00	.01	.03	.02	.01	.01	.015	22	.07
8*	.01	.01	.01	.01	.00	.00	.00	.01	.01	.01	.01	.01	.01	.00					.00	.02	.03	.01	.02	.01	.009	20	.04
9	.00	.00	.00	.00	.00	.00	.02	.04	.03	.02	.02	.01	.01	.01			.03	.02	.01	.00	.00	.00	.01	.01	.010	22	.05
10	.01	.02	.03	.00	.00	.01	.06	.08	.04	.02	.02	.02	.01	.01		.06	.07	.02	.01	.01	.00	.01	.01	.00	.022	23	.10
11	.00	.00	.00	.00	.00	.02	.08	.09	.09	.06	.07	.07	.06	.06		.07	.11	.06	.03	.03	.02	.02	.01	.02	.042	23	.12
12	.01	.01	.01	.01	.01	.01	.02	.02	.03	.03	.01	.01	.01	.01		.01	.01	.01	.01	.01	.01	.01	.02	.04	.014	23	.07
13	.01	.01	.01	.01	.01	.01	.03	.05	.03	.02	.01	.01	.01						.00	.01	.01	.01	.01	.00	.013	19	.06
14*	.00	.00	.00	.00	.00	.00	.00	.01	.00	.01	.01	.01	.00	.00		.00	.00	.00	.00	.00	.04	.03	.01	.00	.005	23	.07
15*	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.01			.00	.00	.01	.00					.002	18	.01
16							.05	.02	.01	.00	.00	.00				.01	.03	.00	.00	.01	.02	.00	.02	.02	.013	15	.08
17	.01	.00	.00	.00	.00	.01	.05	.04	.04	.07	.02	.01	.01	.01		.01	.04	.01	.00	.00	.00	.00	.00	.00	.014	23	.09
18	.01	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		.00	.00	.00	.00	.00	.00	.00	.00	.03	.002	23	.07
19	.07	.04	.03	.01	.00	.02	.07	.05	.01	.01	.01	.01						.00	.00	.00	.02	.01	.05	.03	.022	19	.08
20	.02	.03	.02	.01	.02	.05	.11	.12	.07	.06	.05	.02	.01	.01		.00	.01	.01	.00	.01	.01	.01	.02	.01	.028	23	.15
21*	.00	.00	.00	.00	.00	.00	.01	.03	.01	.01	.01	.00	.00	.00		.00	.01	.01	.01	.01	.01	.01	.01	.01	.007	23	.03
22*	.01	.01	.00	.00	.00	.00	.01	.01	.01	.01	.01	.00	.00	.00		.00	.00	.00	.00	.00	.00	.01	.00	.00	.003	23	.01
23	.00	.00	.00	.00	.00	.00	.02	.03	.02	.01	.01	.01	.01	.01		.05	.07	.03	.01	.01	.00	.00	.00	.00	.013	23	.09
24	.00	.00	.00	.00	.00	.00	.01	.03	.01	.01	.01	.00	.00	.00			.02	.01	.00	.00	.00	.00	.00	.04	.008	22	.05
25	.04	.07	.10	.11	.03	.15	.19	.18	.09	.05	.01	.00	.00	.00			.01	.00	.00	.00	.00	.00	.02	.06	.050	22	.22
26	.07	.06	.06	.12	.04	.02	.05	.07	.02	.00	.00	.00	.00				.00	.00	.00	.00	.00	.00	.02	.01	.025	21	.15
27	.01	.00	.01	.00	.00	.00	.00	.01	.00	.00	.00	.00	.00	.00					.00	.00	.00	.01	.04	.08	.008	20	.09
28*	.05	.02	.02	.01	.00	.02	.01	.00	.00	.00	.00	.00	.00	.00			.00	.00	.00	.00	.00	.01	.02	.01	.007	22	.09
29*	.00	.00	.00	.00	.00	.00	.00									.00	.00	.00	.00	.00	.00	.00	.00	.00	.000	16	.00
30	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		.00	.00	.00	.00	.00	.00	.00	.01	.00	.001	23	.01
31	.00	.00	.00	.00	.00	.02	.04	.03	.01	.01	.01	.00	.00	.00		.00	.01	.00	.00	.00	.00	.00	.01	.02	.007	23	.05
MEAN	.01	.01	.01	.01	.01	.02	.04	.04	.02	.02	.01	.01	.01	.01		.01	.02	.01	.00	.01	.01	.01	.02	.02	.015		
NO	30	30	30	30	30	30	30	29	30	30	30	30	29	26		18	27	28	31	31	30	30	30	30		669	
MAX	.07	.06	.10	.12	.06	.15	.19	.18	.09	.07	.07	.07	.06	.06		.07	.11	.06	.03	.03	.04	.05	.06	.09	.050		.22

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., MAR. 22, 1967

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONCENTRATION IN PPM
COLORIMETRIC ANALYSIS

ST. LOUIS, MO.

NITRIC OXIDE
JUNE 1966

DAY	AM												PM												DAILY MEAN	NO. OF HRS	MIN. MAX
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12			
1	.01	.01	.00	.00	.00	.06	.18	.14	.05	.02	.02	.01	.01				.02	.01	.01	.01	.01	.02	.11	.12	.039	21	.21
2	.05	.06	.06	.08	.05	.07	.08	.06	.04	.02	.01	.01	.01	.01		.03	.05	.02	.01	.00	.00	.00	.03	.00	.032	23	.10
3	.00	.00	.00	.00	.00	.00	.04	.05	.02	.03	.01	.00					.05	.02	.01	.01	.02	.03	.03	.02	.016	20	.08
4*	.01	.01	.01	.00	.00	.00	.00	.01	.01	.01	.01	.01	.01	.01		.01	.01	.01	.01	.01	.01	.01	.01	.01	.008	23	.02
5*	.01	.01	.00	.00	.00	.00	.01	.01	.01	.01	.01	.01	.01	.00			.00	.00	.00	.00	.00	.01	.01	.00	.005	22	.01
6	.00	.00	.00	.00	.00	.00	.04	.06	.05	.02	.00	.00	.00	.00		.00	.00	.00	.00	.00	.00	.00	.01	.03	.009	23	.07
7	.07	.08	.09	.06	.06	.08	.13	.07	.02	.01	.01	.01	.01	.01		.02	.05	.02	.00	.01	.00	.01	.01	.00	.034	23	.15
8	.00	.02	.01	.00	.00	.01	.03	.03	.05	.05	.03	.01	.00	.00		.00	.03	.00	.00	.00	.00	.00	.00	.00	.011	23	.07
9																											
10											.02	.01	.00	.00		.02	.03	.00	.00	.00	.00	.02	.02	.03	.011	13	.05
11*	.03	.00	.01	.00	.01	.02	.02	.02	.01	.00	.01	.00	.00	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.005	23	.04
12*	.01	.01	.01	.00	.00	.00	.00	.00	.00	.00	.01	.01		.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.002	22	.01
13	.00	.00	.00	.00	.00	.00	.01	.02	.01	.01	.01	.06	.03				.03	.00	.00	.00	.00	.00	.02	.00	.009	21	.07
14	.04	.01	.00	.00	.00	.01	.04	.03	.00	.00	.00	.00	.00	.00		.00	.03	.00	.00	.00	.01	.02	.06	.04	.012	23	.08
15	.02	.00				.02	.08	.06	.03	.05	.04	.01	.00			.04	.07	.00	.01	.00	.00	.00	.00	.00	.023	19	.14
16	.00	.00	.00	.00	.00		.01	.01	.00	.00	.00	.00	.00				.00	.00	.00	.00	.00	.00	.00	.00	.001	20	.02
17	.08	.08	.04	.06	.04	.04	.04	.03	.01	.01	.00	.00	.00	.00		.00	.01	.00					.02	.01	.024	19	.10
18*																											
19*		.08	.10	.12	.11	.15	.14	.08	.01							.00	.00	.01	.00	.00	.00	.01	.01	.02	.049	17	.16
20	.00	.00	.01	.03	.05	.07	.07	.06	.01	.00	.00	.00	.00	.00		.01	.02	.01	.00	.01	.00	.01	.07	.03	.018	23	.10
21	.00	.00	.00	.00			.06	.07	.04	.00	.00	.00	.00	.00		.00	.01	.00	.00	.00	.00	.01	.02	.01	.011	21	.09
22	.01	.01	.01	.01	.02	.02	.06	.06	.02	.01	.00	.00	.00	.00			.04	.01	.00	.00	.00	.00	.03	.00	.014	22	.08
23	.00	.00	.00	.00	.00		.03	.05	.01	.01	.00	.00	.00	.00			.02	.00	.00	.00	.00	.00	.00	.00	.006	21	.07
24	.00	.00	.00	.00	.00	.00	.02	.04	.01	.01	.00	.00				.02	.04	.01	.00	.00	.00	.00	.00	.00	.007	21	.09
25*	.00	.00	.00	.00	.00	.00	.01	.00	.01	.04	.01	.00	.00	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.003	23	.08
26*	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00				.00	.00	.00	.00	.00	.00	.00	.01	.00	.000	21	.02
27	.00	.00	.01	.01	.01	.02	.10	.08	.02	.01	.00	.00	.00	.00		.01	.00	.00	.00	.00	.00	.00	.04	.00	.013	23	.14
28	.00	.00	.00	.00	.00	.01	.05	.05	.01	.00	.00	.00	.00	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.005	23	.07
29	.00	.00	.00	.00	.00	.00	.00	.02	.00	.00	.00	.00					.00	.00	.00	.00	.00	.00	.00	.00	.001	20	.02
30	.00	.00	.00	.00	.00	.00	.02	.03	.00	.00	.00	.00	.00	.00		.00	.02	.00	.00	.00	.00	.00	.01	.03	.005	23	.05
MEAN	.01	.01	.01	.01	.01	.02	.05	.04	.02	.01	.01	.01	.00	.00		.01	.0.	.00	.00	.00	.00	.01	.02	.01	.013		
NO. OF HRS	26	27	26	26	25	24	27	27	27	26	27	27	22	19		20	28	28	27	27	27	27	28	28		596	
MAX	.08	.08	.10	.12	.11	.15	.18	.14	.05	.05	.04	.06	.03	.01		.04	.07	.02	.01	.01	.02	.03	.11	.12	.049		.21

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Air Quality Section, Laboratory of Engineering and Physical Sciences
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HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

ST. LOUIS, MO.

CONCENTRATION IN PPM — COLORIMETRIC ANALYSIS

NITRIC OXIDE
JULY 1966

DAY OF MONTH	AM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	PM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5 MIN MAX
1	.07	.08	.07	.01	.01	.03	.06	.11	.03	.00	.00	.00	.00	.00		.00	.00	.00	.00	.00	.01	.02	.01	.02	.020	23	.12
2*	.02	.00	.00	.01	.00	.00	.00	.00	.00	.00	.00	.01		.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.002	22	.04
3*	.00	.00	.00	.00	.02	.03	.01	.00	.00	.00	.00	.00	.00	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.003	23	.04
4	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		.00	.00	.00	.00	.00	.00	.01	.01	.00	.001	23	.02
5	.00	.00	.00	.00	.00	.00	.01	.01	.00	.00	.00	.00	.00	.00			.01	.00	.00	.00	.03	.00	.00	.00	.002	22	.03
6	.00	.01	.00	.00	.00	.01	.03	.05	.00	.00	.00	.00	.00	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.004	23	.06
7	.01	.00	.00	.00	.00	.01	.04	.06	.03	.01	.00		.01	.02		.00	.00	.00	.00	.00	.00	.02	.02	.03	.011	22	.06
8	.01	.01	.02	.02	.02	.03	.07	.05	.02	.01	.02	.01					.00	.00	.00	.00	.00	.00	.02	.00	.014	20	.11
9*	.00	.00	.00	.00	.00	.00	.01	.01	.00	.00	.00	.00	.00	.00		.00	.00	.00	.00	.00	.00	.01	.00	.01	.001	23	.02
10*	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00			.00	.00	.03	.07	.06	.02	.02	.01	.009	22	.09
11																											
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24*																											
25																											
26	.00	.00	.00	.00	.00	.01	.04	.06	.06	.04	.03	.04	.01	.00		.00	.02	.00	.00	.00	.00	.00	.01	.02	.014	23	.08
27	.00	.01	.00	.00	.00	.01	.08	.05	.01	.00	.00	.00	.00	.00			.02	.00	.00	.00	.00	.00	.00	.00	.008	22	.09
28	.00	.00	.00	.00	.00	.00	.00	.02	.01	.00	.00	.00	.00	.00			.00	.00	.00	.00	.00	.00	.00	.00	.001	22	.05
29	.00	.00	.00	.00	.00	.00	.02	.02	.02	.02	.01	.00						.01	.01	.00	.00	.01	.05	.00	.009	19	.07
30*	.00	.00	.00	.00	.01	.01	.02	.01	.00	.00	.00	.00	.00	.00		.00	.00	.00	.00	.00	.00	.01	.00	.00	.003	23	.02
31*	.00	.00	.00	.00	.00	.00	.01	.01	.00	.00	.00	.00	.00	.00		.01	.00	.00	.00	.00	.00	.00	.01	.00	.001	23	.01
MEAN	.01	.01	.00	.00	.00	.01	.02	.03	.01	.00	.00							.00	.00	.00	.01	.01	.01	.01			
NO	16	16	16	16	16	16	16	16	16	16	16	15	13	14		10	15	16	16	16	16	16	16	16		355	
MAX	.07	.08	.02	.02	.02	.03	.08	.11	.06	.04	.03	.04	.01	.02		.01	.02	.01	.03	.07	.06	.02	.05	.03	.020		.12

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., MAR. 22, 1967

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

ST. LOUIS, MO.

NITRIC OXIDE
AUG. 1966

CONCENTRATION IN PPM
COLORIMETRIC ANALYSIS

DAY OF MONTH	AM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	PM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS.	HOUR MAX
1																											
2																											
3																											
4																											
5	.00	.00	.00	.00	.00	.00	.04	.07	.07	.06	.05	.03	.02				.01	.00	.00	.00	.00	.00	.00	.01	.017	21	.07
6*	.01	.00	.00	.03	.07	.09	.10	.11	.06	.02	.01	.00	.00	.00			.00	.00	.00	.00	.00	.00	.01	.04	.025	22	.12
7*	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00			.00	.00	.00	.00	.00	.00	.00	.00	.000	22	.02
8	.00							.12	.04	.01	.00	.00	.00	.00	.00	.00	.00	.01	.00	.00	.00	.00	.01	.01	.011	18	.13
9	.00	.00	.00		.01				.06	.05	.04	.02	.01	.01		.01	.01	.02	.01	.01	.01	.01	.06	.03	.019	19	.07
10	.03	.01	.00	.00	.00	.00	.03	.08	.08	.07	.05	.03	.03										.01	.01	.027	15	.09
11	.00	.00	.00	.00	.00	.00	.02	.05	.05	.03	.03	.02	.00	.01			.03	.02	.02	.02	.02	.03	.06	.09	.022	22	.11
12	.10	.11	.11	.06	.05	.04	.07	.10	.07	.04	.04	.03	.03	.02			.08	.05	.04	.03	.01	.01	.03	.02	.051	22	.12
13*	.00							.01	.01	.02	.02	.03	.03	.03	.01	.01	.04	.02	.02	.02	.01	.01	.02		.018	17	.04
14*																											
15		.02	.01	.01	.01	.02	.04	.07	.06	.04	.03	.02	.02	.01			.04	.03	.02	.02	.03	.04	.04	.04	.030	21	.08
16																											
17		.03	.03	.03	.03	.03	.03	.04	.04	.03	.02	.01	.01	.00			.01	.02	.02	.02	.02	.02	.02	.02	.023	21	.04
18	.02	.02	.02	.02	.02	.02	.02	.03	.03	.04	.03	.01	.01		.00	.00	.01	.02	.02	.02	.02	.02	.02	.02	.019	23	.04
19	.03	.03	.03	.03	.03	.03	.03	.03	.04	.04	.04	.04	.04	.03				.05	.05	.05	.05	.05	.05	.05	.039	21	.05
20*																											
21*																											
22																											
23																											
24																											
25																											
26																											
27*																											
28*																											
29																											
30		.05								.03	.02	.02	.01	.01			.06	.03	.01	.01	.01	.03	.07	.10	.032	14	.10
31	.07	.06	.10	.11	.19	.31	.31	.16				.03	.02	.02		.05	.06	.04	.01	.01	.01	.01	.06	.07	.084	20	.36
MEAN	12	13	12	11	12	11	11	13	13	14	14	15	15	12	3	5	13	14	14	14	14	14	15	14	.084	298	.36
SD	.10	.11	.11	.11	.19	.31	.31	.16	.08	.07	.05	.04	.04	.03	.01	.05	.08	.05	.05	.05	.05	.05	.07	.10			
MAX																											

DATE DATED: WED., MAR. 22, 1967

* Indicates Saturday or Sunday
Local standard time used

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

ST. LOUIS, MO.

CONCENTRATION IN PPM
COLORIMETRIC ANALYSIS

NITRIC OXIDE
SEPT. 1966

DAY OF MONTH	AM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	PM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5 MIN MAX
1	.05		.02	.02	.02	.03	.13	.20	.11	.06	.02	.01	.01	.01						.01	.02	.01	.03	.02	.043	18	.22
2	.04	.06		.01					.04	.03	.01	.00	.00	.01		.04	.07	.06	.05	.04	.04	.03	.02	.02	.031	18	.07
3*	.02	.03	.02	.02	.02	.02	.02	.02	.01	.00	.00	.00	.00	.00		.00	.00	.00	.00	.01	.01	.01	.01	.01	.010	23	.03
4*	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00				.00	.00	.00	.00	.00	.00	.00	.001	21	.02
5																											
6																											
7																											
8																											
9																											
10*	.02	.03	.02	.01	.02	.03	.06	.05	.05	.02	.00	.00	.00	.00			.00	.00	.00	.00	.04	.13	.14	.05	.029	22	.18
11*	.02	.03	.01	.03	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00			.01	.00	.00	.01	.02	.01	.03	.03	.008	22	.05
12	.01	.01	.00	.00	.00	.01	.07	.12	.10	.05	.02	.01	.01	.01		.01	.03	.01	.01	.01	.01	.01	.01	.02	.023	23	.13
13	.01	.00	.00	.02	.04	.12	.19	.11	.06	.04	.02	.04	.02	.01		.00	.02	.01	.02	.02	.02	.03	.08	.04	.040	23	.22
14	.02	.01	.01	.00	.01	.03	.11	.14	.10	.06	.03	.03	.01	.01			.05	.04	.00	.00	.00	.00	.01	.00	.030	22	.16
15	.00	.00	.00	.00	.00	.01	.05	.07	.08	.06	.03	.01	.00						.00	.02	.01	.01	.01	.01	.019	19	.09
16	.01	.00	.00	.00	.00	.01	.04	.04	.04	.05	.06	.03	.02	.01		.00	.07	.03	.01	.02	.02	.04	.09	.19	.033	23	.20
17*	.18	.11	.06	.11	.10	.17	.24	.22	.15	.04	.00	.00	.00	.00		.00	.00	.00	.00	.00	.00	.01	.10	.21	.074	23	.24
18*	.13	.06	.03	.02	.03	.03	.04	.02	.01	.01	.00	.00	.01	.00			.04	.03	.02	.04	.02	.01	.01	.00	.024	22	.18
19	.00	.00	.00	.00	.00	.00	.01	.05	.05	.04	.02	.02	.01	.01			.04	.05	.04	.02	.03	.07	.07	.06	.026	22	.09
20	.01	.01	.00	.00	.00	.00	.00	.04	.04	.01	.01	.02	.01	.01			.05	.02	.01	.01	.00	.00	.00	.00	.011	22	.07
21	.00	.00	.00	.00	.00	.00	.01	.02	.02	.01	.01	.01	.01	.00			.01	.01	.00	.02	.09	.18	.21	.17	.035	22	.22
22	.09	.06	.03	.02	.01	.01	.03	.08	.03	.01	.01	.01	.01	.01						.01	.03	.10	.14	.14	.043	19	.14
23	.08	.05	.03	.02	.01	.01	.05	.04	.02	.01	.01	.01	.00	.00	.00		.01	.01	.01	.02	.03	.02	.04	.18	.029	23	.24
24*	.22	.20	.17	.09	.06	.07	.12	.09	.04	.02	.02	.01	.01	.01			.00	.00	.00	.01	.00	.00	.01	.02	.052	22	.24
25*	.01	.00	.00	.00	.00	.00	.00	.02	.01	.01	.01	.00	.00	.00	.00		.04	.03	.02	.02	.01	.01	.01	.01	.009	23	.04
26	.01	.00	.00	.00	.00	.01	.05	.08	.06	.05	.06	.06	.05	.06		.07	.09	.07	.04	.03	.02	.02	.03	.03	.038	23	.10
27	.01	.00	.00	.01	.01	.03	.05	.07			.04	.03	.02	.02			.03	.01	.01	.01	.03	.06	.07	.05	.028	20	.08
28	.05	.07	.03	.07	.07	.09	.18	.22	.11	.06	.04	.01	.00	.00			.01	.04	.05	.07	.06	.09	.11	.09	.068	22	.24
29	.06	.04	.03	.02	.02	.03	.10	.10	.03	.01	.01	.00	.00	.00					.00	.01	.00	.00	.00	.01	.023	20	.13
30	.00	.00	.00	.00	.00	.01	.05	.08	.07	.06	.08	.06	.06	.06		.06	.06	.06	.07	.08	.06	.06	.10	.07	.050	23	.10
MEAN	.04	.03	.02	.02	.02	.03	.07	.08	.05	.03	.02	.01	.01	.01			.03	.02	.02	.02	.02	.04	.05	.06	.031		
NO	25	24	24	25	24	24	24	24	24	24	25	25	25	24	2	8	20	21	23	25	25	25	25	25		540	
MAX	.22	.20	.17	.11	.10	.17	.24	.22	.15	.06	.08	.06	.06	.06	.00	.07	.09	.07	.07	.08	.09	.18	.21	.21	.074		.24

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., MAR. 22, 1967

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U.S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONCENTRATION IN PPM

COLORIMETRIC ANALYSIS

ST. LOUIS, MO.

NITRIC OXIDE
OCT. 1966

DAY	AM 12	1	2	3	4	5	6	7	8	9	10	11	12	PM 1	2	3	4	5	6	7	8	9	10	11	12	MEAN	No.	MAX
1*	.03	.01	.01	.00	.00	.00	.01	.02	.02	.02	.01	.01	.01	.01		.01	.01	.00	.00	.03	.11	.10	.10	.10	.027	23	.12
2*	.04	.04	.04	.02	.01	.01	.03	.04	.03	.03	.03	.02	.02	.01		.00	.00	.01	.01	.01	.01	.01	.01	.01	.020	23	.08
3	.01	.01	.00	.00	.00	.00	.04	.07	.04	.04	.04	.03	.02	.02			.08	.05	.05	.06	.06	.04	.04	.03	.032	22	.09
4	.01	.00	.00	.00	.00	.00	.01	.04	.03	.02	.01	.01	.01	.01		.01	.01	.01	.01	.01	.01	.02	.02	.02	.011	23	.04
5	.01									.02	.02	.01	.01	.01			.03	.02	.01	.03	.03	.03	.03	.03	.021	14	.04
6	.03	.12	.17	.19	.16	.16	.26	.30	.24	.14	.07	.02	.01								.02	.03	.03	.03	.116	17	.32
7	.03	.03	.03	.03	.04	.06	.09	.12									.11	.08	.08	.10	.08	.07	.11	.08	.070	16	.13
8*	.07	.06	.05	.05	.04	.05	.06	.07	.07	.07	.08	.10	.08	.07			.10	.13	.12	.12	.09	.08	.05	.03	.075	22	.16
9*	.02	.02	.01	.01	.01	.01	.01	.02						.03			.03	.02	.01	.01	.01	.01	.01	.01	.014	17	.03
10	.00	.00	.00	.00	.00	.02	.08	.12	.07	.05	.04	.02	.00	.00		.00	.01	.03	.08	.06	.04	.05	.06	.04	.033	23	.13
11	.01	.01	.01	.01	.02	.04	.16	.22	.16			.02	.02	.02			.09	.11	.10	.08	.07	.07	.05	.05	.066	20	.23
12	.04	.03	.05	.05	.05	.06	.15	.17	.09	.06	.05	.03	.02	.01		.04	.08	.05	.02	.01	.01	.01	.01	.01	.047	23	.19
13	.01	.01	.02	.02	.02	.02	.10	.09	.06	.05	.04	.03	.03						.01	.01	.01	.00	.00	.00	.028	19	.13
14	.00	.00	.00	.00	.00	.01	.02	.04	.04	.04	.08	.05	.04	.03		.06	.08	.02	.05	.02	.00	.00	.00	.01	.025	23	.10
15*	.01	.00	.00	.00	.00	.00	.00	.00	.00	.01	.01	.01	.01	.01			.00	.00	.00	.00	.00	.00	.00	.00	.003	22	.02
16*	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.01	.00			.00	.00	.00	.00	.00	.00	.00	.00	.001	22	.01
17	.00	.00	.00	.01	.03	.07	.16	.21	.19	.12	.07	.04	.03	.02			.13	.07	.04	.04	.05	.03	.02	.01	.060	22	.22
18	.01	.01	.00	.00	.00	.01	.05	.09	.04	.05	.05	.05	.05	.07			.06	.03	.02	.01	.01	.01	.01	.01	.029	22	.12
19	.00	.00	.00	.00	.00	.00	.02	.07	.05	.04	.04	.03	.02	.02			.03	.05	.13	.08	.06	.06	.09	.12	.041	22	.14
20	.10	.09	.05	.08	.06	.08	.16	.18	.11	.05	.05	.05	.05	.07						.04	.05	.02	.02	.04	.071	19	.19
21	.04	.01	.01	.00	.00	.02	.07	.12	.05	.04	.04	.03	.03	.02			.06	.02	.01	.00	.00	.00	.01	.01	.026	22	.16
22*	.01	.00	.00	.00	.01	.02	.02	.02	.01	.01	.01	.01	.00	.00		.00	.00	.00	.01	.01	.01	.02	.03	.03	.010	23	.04
23*	.02	.01	.02	.06	.06	.07	.09	.10	.10	.07	.05	.02	.01	.01			.01	.03	.06	.05	.08	.12	.20	.22	.065	22	.34
24	.18	.14	.20	.17	.12	.20	.29	.33	.18	.13	.03	.01	.01	.01		.01	.02	.03	.08	.08	.08	.09	.07	.13	.111	23	.37
25	.08	.03	.03	.03	.03	.07	.20	.23	.21	.19	.06	.03	.01	.01		.04	.07	.04	.04	.06	.07	.10	.10	.13	.080	23	.27
26	.09	.13	.15	.10	.14	.28	.39	.35	.14	.09	.04	.02	.02	.01		.09	.15	.08	.10	.08	.06	.11	.05	.05	.117	23	.51
27	.03	.03	.01	.00	.01	.09	.19	.32	.14	.08	.09	.08	.06	.05		.09	.16	.08	.04	.03	.05	.08	.09	.03	.078	23	.37
28	.04	.04	.04	.03	.03	.08	.23	.28	.16	.10	.04	.02							.12	.26	.06	.03	.03	.01	.087	18	.31
29*	.01	.00	.00	.00	.00	.00	.01	.01	.01	.03	.04	.06	.07	.04	.02		.01	.01	.02	.04	.04	.05	.03	.04	.023	22	.08
30*	.02	.02	.01	.01	.01	.00	.00	.01	.00	.01	.01	.01	.01	.01			.01	.02	.02	.03	.02	.03	.02	.04	.014	22	.05
31	.06	.04	.01	.03	.03	.01	.03	.10	.14	.08	.05	.02	.02	.01			.03	.04	.02	.01	.01	.01	.01	.01	.034	22	.14
MEAN	.03	.03	.03	.03	.03	.05	.10	.12	.09	.06	.04	.03	.02	.02			.05	.04	.04	.04	.04	.04	.04	.04	.046		
No.	31	30	30	30	30	30	30	30	28	28	28	29	28	27		11	27	27	29	30	31	31	31	31		657	
MAX	.18	.14	.20	.19	.16	.28	.39	.35	.24	.19	.09	.10	.08	.07		.09	.16	.13	.13	.26	.11	.12	.20	.22	.117		.51

* Indicates Saturday or Sunday
\+ Local standard time used

CALCULATED WED., MAR. 22, 1967

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONCENTRATIONS IN PPM
COLORIMETRIC ANALYSIS

ST. LOUIS, MO.

NITRIC OXIDE
NOV. 1966

DAY OF MONTH	AM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	PM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS	5 MIN MAX
1	.04		.00	.00	.00	.00	.01	.02	.03	.02	.01	.02	.02	.03			.04	.04	.02	.01					.017	17	.06
2		.00	.00	.00	.00	.00	.00	.02	.03	.02	.00	.00	.00	.00		.01	.02	.04	.02	.01	.01	.01	.00	.00	.008	22	.05
3	.00	.00	.00	.00	.00	.00	.00	.04	.05	.02	.01	.01	.01	.01		.02	.03	.15	.09	.11	.15	.13	.08	.10	.045	23	.22
4	.10	.08	.07	.08	.04	.02	.07	.19	.21	.11	.09	.07	.07										.01	.00	.082	15	.27
5*	.01			.01		.03				.07	.05	.03	.02	.01			.01	.05	.04	.04	.07	.04	.07	.09	.039	16	.11
6*	.07	.04	.02	.02	.00	.00	.00		.02	.01				.02			.08	.08	.03	.02	.03	.02	.05	.07	.031	18	.18
7	.04	.02	.02	.04	.01	.01	.03	.09	.11	.07	.06	.06	.05	.03		.06	.09	.14	.06	.02	.03	.05	.05	.02	.050	23	.17
8	.02	.01	.01	.01	.02	.02	.03	.09	.10	.06	.06	.07	.05	.06		.08	.15	.17	.08	.06	.05	.04	.04	.04	.057	23	.19
9	.04	.01	.03	.01	.01	.01	.02	.10	.12	.08	.07	.08	.07	.09		.09	.13	.13	.09	.07					.065	19	.18
10																											
11	.05	.04	.04	.04	.07	.03	.07	.11	.12	.10	.05	.03	.04	.03			.07	.11	.06	.08	.10	.08	.07	.14	.066	22	.19
12*	.14	.11	.05	.02	.01	.01	.01	.02	.03	.03	.05	.05	.06	.03			.08	.05	.06	.07	.06	.05	.03	.07	.049	22	.15
13*	.05	.03	.03	.03	.03	.02	.02	.03	.03	.03	.03	.04	.03	.03			.05	.08	.12	.11	.24	.24	.23	.19	.077	22	.30
14	.25	.20	.26	.17	.15	.18	.35	.55	.57	.43	.29	.14	.07	.05			.13	.34	.29	.30	.17	.39	.15	.11	.250	22	.61
15	.14	.20	.08	.04	.03	.03	.11	.20	.25	.14	.11	.07	.05	.04			.13	.37	.14	.09	.05	.02	.02	.03	.106	22	.47
16	.02	.00	.00	.01	.01	.01	.08	.19	.23	.14	.10	.06	.04	.06			.07	.16	.05	.01	.02	.02	.02	.04	.060	22	.29
17	.03	.03	.02	.01	.01	.02	.04	.13	.15	.10	.08	.05	.05	.06						.07	.07	.07	.06	.04	.057	19	.18
18	.04	.02	.01	.01	.00	.00	.01	.01	.05	.04	.03					.06	.08	.09	.05	.03	.02	.02	.01	.02	.032	20	.09
19*	.02	.02	.03	.01	.01	.02	.03	.05	.06	.04	.04	.09	.06	.04		.05	.06	.08	.10	.09	.10	.08	.10	.08	.053	23	.16
20*	.08	.07	.04	.02	.02	.02	.02	.04	.03	.01	.02	.02	.01	.01		.04	.07	.08	.04	.03	.03	.02	.02	.02	.033	23	.11
21	.03	.03	.01	.00	.00	.00	.06	.16	.19	.13	.12	.07	.06	.04		.03	.08	.13	.04	.04	.03	.03	.01	.01	.057	23	.25
22	.01	.01	.00	.00	.00	.00	.00	.04	.07	.05	.04	.03	.03	.03			.09	.12	.04	.02	.01	.01	.00	.00	.027	22	.17
23	.01	.01	.00	.00	.00	.00	.01	.06	.10	.06	.05	.05	.04	.04		.05	.09	.16	.07	.04	.03	.03	.06	.08	.044	23	.18
24	.04	.01	.01	.01	.00	.00	.01	.04	.02	.03	.02	.02	.01	.01		.02	.03	.02	.01	.04	.02	.01	.02	.02	.017	23	.07
25	.01	.00	.00	.00	.00	.00	.00	.01	.06	.04	.03	.05	.07	.10					.07	.07	.06	.05	.04	.07	.037	20	.11
26*	.04	.03	.02	.01	.01	.01	.01	.04	.06	.06	.05	.06	.06	.07		.05	.05	.04	.03	.03	.03	.02	.02	.04	.035	23	.07
27*	.01	.01	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		.00	.01	.01	.01	.01	.00	.00	.00	.00	.003	23	.03
28	.00	.00	.00	.00	.00	.00	.00	.01	.02	.02	.02	.01	.01	.01			.01	.03	.01	.01	.00	.00	.00	.00	.007	22	.03
29	.00	.00	.00	.00	.00	.00	.00	.02	.05	.04	.03	.03	.02	.01		.01	.03	.06	.03	.02	.01	.01	.01	.01	.016	23	.07
30	.01	.01	.01	.01	.01	.01	.02	.07	.10	.09	.06	.06	.05	.05		.08	.11	.13	.10	.08	.06	.06	.05	.03	.054	23	.15
MEAN	.05	.04	.03	.02	.01	.02	.04	.09	.10	.07	.06	.05	.04	.03			.07	.11	.06	.06	.06	.06	.05	.05	.051		
NO.	28	27	28	29	28	29	28	27	28	29	28	27	27	27		15	26	26	27	28	26	26	27	27		618	
MAX	.25	.20	.26	.17	.15	.18	.35	.55	.57	.43	.29	.14	.07	.10		.09	.15	.37	.29	.30	.24	.39	.23	.19	.250		.61

* Indicates Saturday or Sunday
Local standard time used

TABULATED

WED., MAR. 22, 1967

CONTINUOUS AIR MONITORING PROGRAM

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

Air Quality Section, Laboratory of Hygiene, and Public Health Service
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

ST. LOUIS, MO.

NITRIC OXIDE
DEC. 1966

COLORIMETRIC ANALYSIS

DAY OF MONTH	AM 1	AM 2	AM 3	AM 4	AM 5	AM 6	AM 7	AM 8	AM 9	AM 10	AM 11	AM 12	PM 1	PM 2	PM 3	PM 4	PM 5	PM 6	PM 7	PM 8	PM 9	PM 10	PM 11	PM 12	DAILY MEAN	DAILY NO. OBS.	DAILY MAX.
1	.03		.01	.01	.01	.01	.01	.06	.07	.05	.05	.04	.04	.04		.04	.07	.09	.06	.03	.03	.02			.038	20	.11
2																											
3*	.02	.03	.05	.05	.04	.04	.10	.10	.08	.08	.06	.06	.06	.05					.05	.05	.06			.04	.055	18	.10
4*	.02	.02	.02	.01	.00	.00	.01	.01	.01	.01	.01	.01	.01	.01			.03	.03	.05	.04	.04	.03	.03	.05	.020	22	.06
5	.06	.05	.03	.02	.03	.05	.09	.19	.24	.17	.18	.16	.16	.14		.13	.19	.29	.14	.09	.04	.06	.05	.04	.112	23	.33
6	.04	.02	.02	.01	.01	.02	.03	.07	.12	.09	.08	.09	.10	.08		.11	.15	.23	.08	.05	.04	.05	.04	.04	.067	23	.27
7	.05	.03	.01	.01	.02	.01	.04	.09	.14	.12	.12	.11	.11	.07		.08	.10	.16	.09	.05	.05	.03	.04	.04	.067	23	.20
8	.03	.01	.01	.01	.01	.01	.03	.09	.14	.07	.11	.11				.04	.05	.05	.04	.02	.01	.01	.01	.01	.041	21	.16
9	.01	.00	.00	.00	.00											.06	.09	.11	.08	.05	.04	.03	.03	.02	.037	14	.13
10*	.02	.01	.01	.01	.01				.01	.01	.02	.02	.02			.02	.02	.02	.02	.02	.02	.02	.02	.02	.017	19	.03
11*	.02	.02	.01	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02		.03	.04	.05	.05	.04	.04	.04	.04	.04	.028	23	.05
12	.04	.04	.03	.02			.02	.04					.07					.10	.08	.05	.02	.02	.01	.01	.039	14	.13
13	.01	.01	.00	.02	.01	.03	.06	.09	.17	.19	.16	.13	.09	.12			.24	.31	.12	.04	.02	.03	.03	.06	.088	22	.38
14	.05	.04	.04	.02	.01	.01	.04	.22	.31	.19	.13	.11	.08	.07			.13	.22	.12	.08	.04	.04	.02	.03	.091	22	.36
15	.05	.03	.01	.02	.00	.01	.03							.10		.09	.17	.33	.20	.11	.09	.11	.19	.11	.096	17	.38
16	.12	.07	.00	.01	.03	.01	.01	.05	.12	.09	.09	.08	.07	.09			.18	.16	.18	.15	.22	.25	.28	.25	.114	22	.32
17*	.31	.31	.31	.20	.13	.12	.18	.28	.25	.10	.10	.03	.02	.01											.166	14	.35
18*	.01	.02	.02	.02	.01	.01	.03	.03	.04	.03	.02	.02	.02	.02			.04	.09	.15	.32	.41	.36	.19	.18	.092	22	.45
19	.08	.05		.03	.02	.03	.06	.15	.22		.17	.13	.08	.04			.06	.08	.09	.03	.02	.02	.02	.02	.069	20	.25
20	.01	.01	.01	.01	.00	.00	.01	.04	.07	.05	.03	.04	.06	.06	.07	.08	.15	.28	.28	.18	.12	.10	.11	.12	.079	24	.31
21																											
22																											
23																											
24*																											
25*																											
26																											
27																											
28											.02	.03	.02	.02		.05	.10	.05	.02	.01	.01	.01	.01	.01	.028	13	.16
29	.01	.01	.01	.01	.00	.00	.01	.02	.03	.03	.03	.03	.02	.02		.03	.06	.09	.07	.06	.05	.07	.14	.10	.039	23	.19
30																											
31*																											
MEAN	.05	.04	.03	.03	.02	.02	.04	.09	.12	.08	.08	.07	.06	.06			.10	.14	.10	.07	.07	.07	.07	.06	.066		
NO. OBS.	20	19	19	20	19	17	18	17	17	16	18	18	18	17	1	12	18	19	20	20	20	19	18	19		419	
MAX.	.31	.31	.31	.20	.13	.12	.18	.28	.31	.19	.18	.16	.16	.14	.07	.13	.24	.33	.28	.32	.41	.36	.28	.25	.166		.45

* Indicates Saturday or Sunday
Local standard time used

WED., MAR. 22, 1967

CONTINUOUS AIR MONITORING PROGRAM

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

ST. LOUIS, MO.

NITROGEN DIOXIDE
JAN. 1966

CONCENTRATION IN PPM
COLORIMETRIC ANALYSIS

DAY OF MONTH	AM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	PM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS.	5 MIN MAX
1*	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.03	.03	.02			.02	.02	.02	.02	.02	.02	.02	.02	.021	22	.03
2*	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.01	.01	.02		.01	.01	.01	.01	.02	.02	.01	.01	.02	.016	23	.02
3	.01	.01	.01	.01	.02	.02	.03	.03	.03	.04	.04	.05	.04	.04		.04	.04	.04	.03	.03	.02	.02	.02	.02	.028	23	.06
4	.02	.02	.02	.02	.01	.01	.01	.02	.01	.02	.03	.03	.03	.03			.04	.04	.03	.02	.02	.02	.01	.01	.021	22	.05
5	.01	.01	.01	.01	.01	.01	.01	.01	.01	.02	.02	.07	.08	.06		.05	.05	.04	.04	.03	.02	.02	.02	.02	.026	23	.10
6	.01	.01	.01	.01	.00	.00	.00	.00	.00	.00	.01	.01	.01				.02	.03	.03	.02	.03	.02	.02	.02	.012	21	.03
7	.01	.01	.02	.02	.01	.01	.01	.01	.01	.01	.01	.02		.02		.02	.02	.02	.02	.02	.02	.01	.01	.01	.015	22	.02
8*	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.02	.02	.02	.01		.02	.02	.02	.02	.02	.02	.01	.01	.01	.014	23	.02
9*	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.02	.02	.02	.02		.03	.04	.03	.03	.03	.03	.03	.03	.03	.020	23	.04
10	.03	.02	.02	.03	.02	.02	.02	.02	.02	.02	.03	.03	.03	.03		.03	.04	.04	.03	.03	.03	.04	.04	.04	.028	23	.04
11	.03	.03	.03	.02	.02	.02	.02	.02	.03	.03	.03	.03	.03	.03		.03	.03	.04	.03	.03	.03	.03	.02	.02	.027	23	.04
12	.02	.02	.02	.02	.02	.02	.02	.02	.03	.03	.02							.03	.03	.03	.02	.02	.02	.02	.023	18	.04
13	.02	.02	.02	.02	.01	.01	.02	.02	.02	.02	.02	.03	.03	.03		.03	.03	.03	.03	.03	.03	.03	.04	.04	.025	23	.04
14	.04	.03	.03	.03	.03	.02	.02	.03	.03	.03	.04	.05	.04	.04			.05	.05	.04	.03	.03	.03	.03	.03	.034	22	.06
15*	.03	.03	.03	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02			.02	.02	.02	.02	.02	.02	.02	.02	.021	22	.03
16*	.02	.02	.02	.01	.01	.01	.01	.01	.02	.02	.02	.02	.02	.01		.02	.02	.02	.02	.02	.02	.02	.02	.02	.017	23	.02
17	.02	.02	.01	.01	.01	.01	.02	.02	.02	.02	.03	.03	.03	.03		.03	.03	.03	.03	.03	.03	.03	.03	.03	.023	23	.03
18	.03	.03	.03	.03	.03	.02	.02	.03	.03	.03	.03		.03	.03		.03	.03	.03	.03	.03	.03	.03	.03	.03	.029	22	.03
19	.03	.02	.02	.02	.03	.02	.02	.03	.03	.03	.03	.03	.03	.03		.03	.03	.03	.03	.03	.03	.03	.03	.03	.028	23	.03
20	.03	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.03	.03	.03		.03	.03	.04	.04	.04	.04	.03	.03	.03	.027	23	.04
21	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.03	.03	.03	.03		.03	.03	.03	.02	.02	.02	.02	.02	.02	.022	23	.03
22*	.02	.02	.02	.01	.01	.01	.01	.01	.01	.02	.02	.02	.02			.02	.02	.02	.02	.02	.02	.02	.02	.02	.016	22	.02
23*	.02	.01	.01	.01	.01	.01	.01	.01	.02	.02	.02	.02	.02	.03		.03	.03	.03	.03	.03	.03	.03	.03	.03	.021	23	.04
24	.03	.02	.02	.02	.02	.02	.02	.02	.03	.03	.03	.02	.02	.02		.03	.03	.03	.03	.03	.03	.03	.03	.03	.025	23	.03
25	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.03	.03	.03	.04		.04	.04	.04	.04	.04	.04	.04	.03	.03	.029	23	.05
26	.03	.03	.03	.03	.03	.02	.02	.03	.03	.03	.04	.04	.04	.04		.04	.04	.05	.04	.05	.05	.05	.05	.04	.036	23	.05
27	.04	.04	.04	.04	.03	.03	.03	.03	.03	.03	.03	.03	.03							.03	.03	.03	.02	.02	.030	18	.04
28	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.03	.03	.03		.02	.03	.03	.03	.03	.03	.02	.02	.02	.023	23	.03
29*	.02	.02	.01	.01	.01	.01	.01	.01	.02	.02	.02	.02	.02	.01		.01	.02	.02	.02	.02	.02	.02	.02	.02	.017	23	.02
30*	.01	.02	.01	.01	.01	.01	.01	.01	.01	.01	.02	.02	.02	.02		.03	.03	.03	.03	.03	.03	.03	.03	.03	.020	23	.04
31	.03	.03	.03	.03	.03	.02	.03	.03	.03	.03	.03	.04	.03	.03		.03	.03	.03	.01	.01	.01	.01	.01	.01	.024	23	.04
MEAN	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.03	.03	.03		.03	.03	.03	.03	.03	.03	.02	.02	.02	.023		
NO.	31	31	31	31	31	31	31	31	31	31	31	29	29	27		24	29	30	30	31	31	31	31	31		694	
MAX	.04	.04	.04	.04	.03	.03	.03	.03	.03	.04	.04	.07	.08	.06		.05	.05	.05	.04	.05	.05	.05	.05	.04	.036		.10

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., MAR. 22, 1967

CONTINUOUS AIR MONITORING PROGRAM

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

ST. LOUIS, MO.

NITROGEN DIOXIDE
FEB. 1966

COLORIMETRIC ANALYSIS

DAY	AM 1	2	3	4	5	6	7	8	9	10	11	12	PM 1	2	3	4	5	6	7	8	9	10	11	12	MEAN	No.	MAX
1	.01	.01	.00	.00	.00	.00						.04	.04	.03			.04	.04	.03	.03	.02	.02	.02	.02	.020	17	.04
2	.02	.02	.02	.02	.02	.02	.02	.03	.03	.03	.03	.03	.05	.05		.04	.04	.05	.05	.05	.04	.04	.04	.04	.033	23	.05
3	.04	.03	.04	.03	.03	.04	.04	.03	.03	.03	.04	.06	.05	.03		.04	.05	.05	.05	.04	.03	.03	.02	.03	.037	23	.06
4	.02	.02	.02	.02	.02	.02	.02	.03	.03	.04	.04	.04	.04				.03	.04	.04	.04	.04	.04	.04	.04	.031	20	.04
5*	.05	.04	.04	.04	.03	.03	.03	.05	.03	.03	.03	.03	.03	.03		.04	.05	.05	.04	.04	.04	.04	.04	.04	.038	23	.07
6*	.05	.04	.04	.04	.04	.04	.03	.04	.04	.04	.04	.04	.04	.05		.05	.06	.05	.05	.05	.05	.04	.04	.04	.043	23	.06
7	.04	.03	.04	.03	.03	.03	.03	.03	.03	.03	.04	.05	.06	.05			.05	.04	.03	.03	.02	.02	.02	.02	.034	22	.06
8	.01	.01	.01	.01	.01	.01	.04	.01	.01	.01	.02	.03	.03	.04			.04	.03	.04	.04	.03	.03	.03	.02	.022	22	.04
9	.03	.02	.02	.02	.02	.03	.03	.03	.03	.03	.02	.03	.03	.03			.02	.03	.03	.03	.03	.03	.03	.03	.027	22	.04
10	.03	.03	.03	.03	.03	.03	.03	.02	.02	.02	.03	.04	.04	.03		.03	.03	.03	.03	.03	.02	.02	.02	.02	.028	23	.05
11	.02	.02	.02	.02	.01	.01	.01	.01	.01	.01	.02	.03	.03	.03						.02	.02	.03	.02	.04	.020	19	.05
12*	.03	.02	.02	.01	.01	.01	.00	.01	.00	.01	.01	.01	.01	.01		.02	.02	.02	.02	.02	.02	.02	.02	.02	.014	23	.03
13*	.01	.01	.01	.01	.01	.01	.01	.01	.01	.02	.02	.02	.01	.01		.02	.03	.02	.02	.02	.02	.01	.02	.02	.015	23	.03
14	.01	.01	.01	.01	.01	.01	.02	.02	.02	.02	.03	.03	.03	.03		.03	.03	.03	.03	.03	.04	.04	.03	.03	.023	23	.04
15	.03	.02	.02	.03	.02	.02	.02	.02	.03	.03	.03	.04	.04	.04		.03	.04	.04	.04	.03	.03	.03	.03	.02	.029	23	.05
16	.03	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.03	.03			.03	.04	.03	.03	.03	.03	.03	.03	.025	22	.04
17	.02	.02	.02	.01	.02	.02	.02	.02	.02	.02	.02	.03	.03					.03	.05	.05	.05	.04	.03	.03	.027	20	.05
18	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.04	.04	.05	.04		.03	.05	.05	.05	.04	.04	.02	.03	.03	.035	23	.05
19*	.02	.02	.02	.02	.01	.01	.01	.01	.01	.01	.02	.02	.02	.02		.03	.03	.03	.03	.03	.03	.02	.02	.02	.020	23	.03
20*	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02		.02	.02	.03	.03	.03	.03	.03	.02	.02	.021	23	.03
21	.02	.02	.02	.02	.02	.01	.02	.02	.02	.02	.02	.03	.03	.03		.03	.03	.04	.03	.03	.03	.03	.03	.03	.025	23	.04
22	.03	.02	.02	.02	.02	.02	.02	.02	.02	.02	.03	.03	.04	.03			.04	.05	.04	.04	.04	.03	.03	.02	.028	22	.05
23	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.04	.04	.04		.04	.05	.05	.04	.04	.03	.03	.03	.03	.029	23	.05
24	.03	.02	.02	.02	.02	.02	.02	.02	.02	.02	.03	.03	.04	.04		.04	.04	.03	.02	.02	.02	.02	.01	.01	.024	23	.05
25	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01							.03	.04	.04	.04	.04	.04	.04	.03	.022	18	.05
26*	.03	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.03		.03	.03	.03	.03	.03	.03	.03	.03	.03	.024	23	.03
27*	.03	.02	.02	.02	.01	.01	.02	.02	.02	.02	.02	.02	.02	.02		.02	.03	.04	.03	.03	.03	.03	.03	.02	.023	23	.05
28	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.03	.03	.03		.02	.02	.02	.02	.02	.02	.03	.03	.03	.023	23	.03
MEAN	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.03	.03	.03	.03		.03	.04	.04	.03	.03	.03	.03	.03	.03	.027		
No.	28	28	28	28	28	28	27	27	27	27	26	27	27	25		18	25	27	27	28	28	28	28	28		618	
MAX	.05	.04	.04	.04	.04	.04	.04	.05	.04	.04	.04	.06	.06	.05		.05	.06	.05	.05	.05	.05	.04	.04	.04	.043		.07

* Indicates Saturday or Sunday
Local standard time used

WED., MAR. 22, 1967

D 33

[redacted]

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

ST. LOUIS, MO.

NITROGEN DIOXIDE
MARCH 1966

CONCENTRATION IN PPM
COLORIMETRIC ANALYSIS

DAY OF MONTH	AM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	PM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS	5 MIN MAX
1	.03	.03	.03	.02	.02	.02	.02	.02	.02	.02	.03	.04	.03	.03			.03	.04	.05	.04	.04	.03	.03	.03	.029	22	.05
2	.03	.03	.03	.02	.02	.02	.02	.02	.03	.02	.02	.04	.04	.04		.04	.05	.05	.04	.04	.03	.03	.03	.03	.031	23	.05
3	.03	.02	.02	.02	.02	.02	.02	.02	.03	.03	.03	.03	.03	.03			.04	.04							.026	16	.04
4																											
5*	.03	.01	.02	.01	.01	.02	.02	.02	.02	.02	.02	.02	.02	.02			.03	.03	.02	.02	.02	.02	.02	.01	.019	22	.03
6*	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01			.02	.02	.03	.03	.03	.03	.03	.03	.02	.016	22	.04
7	.02	.01	.01	.01	.01	.01	.02	.02	.02	.03	.02	.03	.03	.03		.03	.03	.04	.04	.04	.04	.04	.03	.03	.025	23	.04
8	.03	.03	.03	.02	.02	.02	.02	.02	.02	.02	.03	.04	.04	.04		.03	.04	.05	.05	.04	.03	.03	.03	.03	.031	23	.06
9	.03	.03	.03	.03	.02	.02	.02	.03	.03	.03	.03	.04	.04	.04		.04	.05	.06	.05	.04	.04	.04	.03	.04	.034	23	.06
10	.04	.03	.03	.03	.03	.02	.02	.03	.04	.04	.05	.06	.06	.06		.04	.06	.06	.05	.04	.05	.04	.04	.04	.042	23	.06
11	.04	.03	.03	.03	.03	.03	.03	.03	.04	.03	.04	.06	.06	.06							.04	.06	.05	.05	.040	18	.06
12*	.05	.05	.04	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03		.03	.04	.04	.03	.02	.03	.03	.03	.03	.032	23	.05
13*	.03	.02	.02	.02	.02	.02	.02	.02	.02	.01	.02	.02	.02	.02		.02	.04	.04	.04	.05	.05	.04	.03	.03	.026	23	.05
14	.02	.02	.02	.02	.03	.03	.03	.03	.03	.04	.04	.04	.04	.06		.07	.10	.10	.06	.06	.05	.05	.05	.05	.045	23	.12
15	.05	.05	.05	.04	.03	.03	.03	.03	.04	.04	.05	.06	.06	.06		.04	.06	.07	.06	.06	.06	.06	.07	.05	.050	23	.07
16	.05	.05	.05	.05	.05	.04	.05	.05	.06	.05	.05	.06	.05	.05			.07	.09	.06	.06	.06	.05	.04	.04	.053	22	.09
17	.04	.03	.04	.04	.04	.03	.04	.04	.05	.05	.05	.06				.03	.04	.05	.04	.03	.03	.03	.03	.03	.038	21	.06
18	.02	.02	.02	.01	.00	.00	.02	.03	.03	.03	.03	.03	.03	.03		.02	.03	.04	.04	.04	.04	.04	.04	.04	.027	23	.04
19*	.04	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.01	.02	.01		.02	.02	.02	.02	.03	.04	.04	.04	.04	.024	23	.04
20*	.03	.04	.04	.03	.03	.03	.03	.02	.02	.02	.03	.02	.02	.02		.03	.03	.04	.05	.05	.05	.05	.04	.04	.032	23	.05
21	.03	.03	.03	.04	.04	.03	.03	.04	.04	.05	.06	.05	.05	.05		.04	.05	.07	.06	.06	.05	.05	.04	.04	.045	23	.07
22	.05	.04	.03	.03	.02	.02	.03	.04	.04	.04	.04	.04	.04	.04		.04	.05	.05	.04	.04	.03	.03	.03	.03	.036	23	.05
23	.03	.02	.02	.03	.01	.01	.02	.02	.02	.02	.03	.02	.02	.02		.02	.03	.03	.03	.02	.02	.02	.02	.01	.021	23	.04
24	.01	.01	.01	.01	.01	.01	.02	.02	.02	.02	.02	.02	.02	.02		.02	.03	.03	.03	.03	.04	.04	.04	.04	.023	23	.04
25	.04	.04	.04	.04	.04	.04	.04	.04	.04	.03	.04	.04	.04	.04		.05	.06	.06	.06	.05	.05	.05	.05	.05	.044	23	.06
26*	.03	.01	.01	.01	.01	.01	.01	.02	.02	.02	.03	.02	.03	.02		.02	.03	.03	.03	.03	.04	.04	.04	.04	.025	23	.04
27*	.04	.04	.04	.04	.04	.04	.04	.04	.03	.04	.03	.02	.02	.02		.02	.01	.03	.03	.03	.03	.03	.04	.04	.031	23	.04
28	.04	.03	.03	.04	.04	.04	.04	.04	.05	.05	.04	.05	.05	.06		.07	.09	.09	.08	.08	.07	.07	.05	.05	.055	23	.10
29	.05	.05	.05	.04	.04	.04	.04	.04	.05	.04	.04	.05	.04	.05		.03	.04	.04	.03	.02	.02	.02	.03	.04	.038	23	.06
30	.03	.02	.02	.02	.01	.02	.03	.04	.04	.04	.04	.03	.03	.03		.04	.04	.05	.04	.05	.04	.03	.03	.03	.031	23	.05
31	.03	.03	.03	.02	.02	.01	.02	.03	.04	.03	.03	.03	.04				.03	.06	.05	.05	.05	.02	.01	.01	.031	21	.06
MEAN	.03	.03	.03	.03	.02	.02	.03	.03	.03	.03	.03	.04	.03	.04		.03	.04	.05	.04	.04	.04	.04	.04	.03	.033		
NO.	30	30	30	30	30	30	30	30	30	30	30	30	29	27		24	29	29	28	28	29	29	29	29		670	
MAX	.05	.05	.05	.05	.05	.04	.05	.05	.06	.05	.06	.06	.06	.06		.07	.10	.10	.08	.08	.07	.07	.07	.05	.055		.12

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., MAR. 22, 1967

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

ST. LOUIS, MO.

NITROGEN DIOXIDE
APRIL 1966

CONCENTRATIONS IN PPM
COLORIMETRIC ANALYSIS

DAY OF MONTH	AM 12-1	AM 1-2	AM 2-3	AM 3-4	AM 4-5	AM 5-6	AM 6-7	AM 7-8	AM 8-9	AM 9-10	AM 10-11	AM 11-12	PM 12-1	PM 1-2	PM 2-3	PM 3-4	PM 4-5	PM 5-6	PM 6-7	PM 7-8	PM 8-9	PM 9-10	PM 10-11	PM 11-12	MONTHLY MEAN	NO. OF DAYS	MONTHLY MAX
1	.01	.01	.01	.00	.00	.00	.00	.02	.02	.02	.02	.02	.02	.02			.02	.04	.03	.03	.04	.02	.03	.03	.018	22	.04
2*	.03	.02	.01	.01	.01	.01	.01	.02	.02	.02	.02	.01	.01	.02			.03	.03	.03	.03	.03	.02	.02	.02	.019	22	.04
3*																											
4		.00	.00								.01	.03	.02	.02		.00	.02	.02	.01	.01	.01	.01	.01	.01	.012	15	.03
5	.02	.02	.01	.01	.01	.01	.01	.02	.02	.02	.03	.03	.03	.03		.02	.03	.03	.03	.03	.02	.02	.02	.02	.021	23	.03
6	.03	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.03	.02	.02		.02	.03	.03	.03	.04	.04	.05	.05	.05	.027	23	.05
7	.05	.04	.04	.02	.01	.02	.03	.03	.03	.02	.02	.02	.02	.02		.01	.02	.03	.03	.02	.03	.04	.04	.04	.026	23	.05
8	.03	.03	.03	.02	.01	.02	.03	.04	.04	.04	.04	.03	.03	.03					.01	.04	.03	.02	.02	.01	.027	20	.05
9*	.02	.01	.02	.02	.01	.02	.02	.02	.02	.02	.02	.02	.02	.01				.02	.03	.03	.04	.04	.04	.03	.021	21	.04
10*	.03	.03	.04	.03	.05	.04	.04	.05	.06	.03	.02	.02	.01	.02					.02	.04	.03	.03	.03	.03	.032	20	.06
11	.03	.02	.01	.01	.01	.02	.02	.02	.03	.03	.04	.04	.04	.04			.02	.04	.03	.02	.02	.02	.01	.01	.024	22	.05
12	.02	.01	.01	.01	.01	.01	.01	.01	.01	.01	.02	.03	.03	.03						.01	.04	.03	.03	.03	.019	19	.04
13	.03	.03	.02	.03	.02	.03	.03	.02	.02	.02	.02	.03	.03	.03		.01	.04	.06	.06	.06	.05	.05	.05	.05	.034	23	.06
14	.04	.03	.02	.02	.02	.01	.01	.02	.02	.03	.05	.07	.06	.05			.04	.06	.05	.05	.06	.06	.07	.05	.040	22	.07
15	.05	.04	.04	.04	.03	.03	.02	.03	.04	.04	.05	.07	.06	.06			.05	.04	.02	.04	.05	.05	.04	.04	.042	22	.07
16*	.03	.04	.03	.03	.02	.02	.02	.02	.03	.03	.03	.02	.02	.01		.03	.06	.06	.05	.06	.06	.06	.05	.06	.035	23	.07
17*	.06	.04	.03	.03	.03	.03	.02	.02	.02	.02	.02	.02	.02	.02		.02	.04	.03	.03	.03	.03	.05	.05	.05	.030	23	.06
18	.05	.04	.03	.04	.03	.03	.03	.03	.04	.04	.04	.05	.05	.05		.03	.06	.06	.05	.04	.04	.03	.03	.03	.039	23	.06
19	.03	.02	.03	.01	.02	.03	.03	.03	.04	.03	.04	.04	.04	.05		.03	.05	.05	.04	.04	.04	.04	.04	.02	.034	23	.05
20	.02	.03	.03	.02	.02	.03	.03	.03	.04	.04	.04	.03	.03	.04		.05	.03	.04	.03	.02	.01	.01	.01	.01	.027	23	.05
21	.01	.01	.01	.00	.00	.00	.01	.02	.03	.03	.03	.04	.05			.03	.04	.06	.05	.05	.04	.05	.04	.04	.028	22	.06
22	.04	.02	.03	.03	.03	.02	.02	.02	.03	.03	.03	.04	.04	.04		.04	.06	.06	.04	.04	.04	.03	.03	.03	.034	23	.07
23*	.03	.03	.02	.02	.02	.02	.02	.02	.02	.01	.01	.00	.00	.00		.02	.04	.03	.03	.03	.02	.02	.02	.02	.020	23	.04
24*	.02	.02	.02	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01			.02	.03	.03	.04	.04	.05	.05	.06	.022	22	.07
25	.07	.06	.06	.05	.03	.03	.04	.05	.06	.06	.05	.04	.04	.04		.04	.07	.05	.05	.05	.05	.05	.05	.05	.049	23	.07
26	.04	.04	.03	.02	.03	.03	.04	.04	.05	.05	.04	.05	.04	.04		.04	.05	.05	.04	.03	.03	.03	.03	.03	.037	23	.06
27	.02	.02	.02	.02	.03	.03	.03	.03	.03	.04	.04	.06	.08	.08		.04	.06	.04	.04	.05	.04	.04	.04	.03	.040	23	.10
28	.02	.02	.01	.01	.01	.01	.02	.02	.03	.03	.03	.03	.03	.03		.03	.04	.03	.03	.04	.03	.03	.03	.03	.026	23	.04
29	.03	.03	.02	.01	.01	.02	.03	.03	.04							.05	.06	.06	.06	.05	.05	.04	.04	.04	.037	18	.07
30*	.04	.04	.04	.04	.04	.03	.04	.04				.03	.03	.03		.02	.03	.03	.02	.03	.03	.03	.03	.03	.032	20	.05
MEAN	.03	.03	.02	.02	.02	.02	.02	.03	.03	.03	.03	.03	.03	.03		.03	.04	.04	.03	.04	.04	.03	.03	.03	.030		
NO. OF DAYS	28	29	29	28	28	28	28	29	27	26	27	28	28	27		19	25	26	28	29	29	29	29	29		632	
MAX	.07	.06	.06	.05	.05	.04	.04	.05	.06	.06	.05	.07	.08	.08		.05	.07	.06	.06	.06	.06	.06	.07	.06	.049		.10

* Indicates Saturday or Sunday
Local standard time used

WED., MAR. 22, 1967

[redacted]

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

ST. LOUIS, MO.

NITROGEN DIOXIDE
MAY 1966

CONCENTRATION IN PPM
COLORIMETRIC ANALYSIS

DAY OF MONTH	AM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	PM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS	5 MIN MAX
1*	.03	.02	.02	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03			.02	.04	.05	.05	.04	.05	.05	.04	.033	22	.05
2	.04	.02	.03	.03	.03	.03	.03	.04	.04	.05	.06	.07	.05	.05		.07	.08	.04	.05	.09	.10	.10	.09	.08	.055	23	.12
3	.07	.07	.06	.06	.06	.06	.06	.05	.04	.04	.05	.05	.05	.05		.05	.06	.05	.04	.04	.04	.03	.03	.03	.049	23	.07
4	.04	.03	.01	.01	.02	.03	.03	.04	.04	.04	.02	.01	.01				.05	.05	.05	.06	.05	.04	.06	.05	.035	21	.08
5	.05	.06	.05	.04	.04	.06	.07	.07	.06	.05	.05	.04	.04	.04		.04	.06	.04	.03	.04	.06	.06	.07	.06	.051	23	.08
6	.06	.04	.04	.04	.04	.05	.06	.07	.05	.06	.07	.07	.06				.04	.05	.05	.05	.06	.06	.05	.06	.053	21	.08
7*	.05	.05	.05	.04	.04	.05	.05	.05	.06	.06	.04	.05	.04	.04		.04	.06	.04	.04	.06	.06	.05	.05	.05	.047	23	.06
8*	.05	.04	.04	.03	.02	.02	.04	.04	.05	.02	.02	.02	.02	.02			.02	.03	.04	.04	.04	.03	.03	.03	.031	22	.05
9	.02	.02	.02	.01	.02	.02	.03	.03	.03	.03	.04	.03	.03	.03		.04	.04	.04	.04	.03	.03	.03	.03	.03	.029	23	.04
10	.03	.03	.03	.02	.02	.03	.03	.03	.04	.04	.04	.04	.04	.04		.05	.06	.06	.04	.03	.03	.04	.04	.03	.036	23	.07
11	.03	.03	.03	.03	.03	.03	.04	.04	.04	.04	.02	.02	.04	.04		.05	.05	.04	.04	.04	.04	.04	.04	.04	.036	23	.05
12	.05	.04	.02	.02	.02	.02	.04	.03	.03	.03	.03	.03	.03	.04		.04	.05	.04	.04	.03	.03	.03	.03	.03	.032	23	.05
13	.02	.02	.02	.02	.02	.02	.03	.03	.03	.03	.03	.03	.03						.02	.04	.03	.04	.04	.03	.027	19	.04
14*	.02	.03	.02	.02	.02	.02	.03	.04	.04	.04	.04	.05	.04	.04											.032	14	.05
15*																											
16		.03	.04	.04	.03	.03	.03	.03	.05	.04	.04	.05	.04	.05		.06	.07	.06	.05	.05	.06	.05	.05	.05	.045	22	.07
17	.04	.04	.04	.03	.02	.03	.03	.03	.04	.06	.04	.03	.04	.04		.05	.06	.04	.03	.04	.02	.02	.02	.02	.034	23	.06
18	.04	.04	.00	.00	.00	.01	.03	.03	.02	.02	.02	.02	.01	.02		.03	.03	.03	.03	.04	.03	.04	.04	.04	.025	23	.05
19	.05	.04	.03	.03	.03	.03	.03	.04	.03	.02	.02	.02						.04	.04	.04	.04	.04	.04	.04	.034	19	.06
20	.04	.03	.03	.03	.03	.03	.04	.05	.04	.04	.05	.05	.05	.04		.03	.05	.06	.05	.04	.04	.04	.05	.05	.042	23	.07
21*	.05	.04	.03	.02	.03	.03	.03	.04	.04	.04	.04	.03	.04	.03		.03	.03	.04	.05	.04	.05	.04	.04	.04	.037	23	.06
22*	.04	.02	.02	.02	.03	.03	.03	.03	.02	.02	.02	.02	.02	.03			.03	.02	.03	.05	.05	.05	.03	.03	.029	22	.06
23	.03	.02	.03	.03	.03	.03	.03	.04	.05	.05	.05	.04	.04	.05			.07	.06	.05	.05	.03	.02	.02	.02	.037	22	.07
24	.02	.01	.01	.01	.01	.02	.03	.03	.03	.04	.04	.03	.03	.03			.05	.04	.04	.04	.04	.04	.04	.05	.030	22	.06
25	.04	.04	.05	.05	.04	.05	.06	.10	.09	.07	.05	.04	.03				.05	.04	.04	.05	.05	.06	.06	.06	.054	21	.14
26	.06	.07	.06	.07	.06	.06	.07	.10	.09	.05	.03	.03	.03				.03	.02	.03	.05	.05	.07	.06	.06	.054	21	.10
27	.06	.05	.05	.04	.04	.05	.06	.06	.05	.05	.03	.03	.02	.03		.04	.04	.02	.03	.05	.06	.07	.07	.07	.046	23	.08
28*	.06	.06	.06	.05	.05	.05	.05	.04	.04	.03	.03	.03	.02	.02		.02	.02	.02	.03	.02	.03	.05	.06	.04	.038	23	.06
29*	.04	.04	.03	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02			.03	.02	.02	.03	.04	.04	.04	.03	.026	22	.05
30	.03	.03	.02	.02	.02	.02	.03	.03	.03	.02	.02	.02	.02	.02			.01	.02	.02	.02	.03	.04	.04	.04	.025	22	.05
31	.03	.03	.03	.03	.04	.05	.06	.09	.09	.07	.04	.03	.03	.03			.06	.04	.03	.03	.04	.05	.06	.07	.046	22	.10
MEAN	.04	.04	.03	.03	.03	.03	.04	.05	.04	.04	.04	.03	.03	.03		.04	.04	.04	.04	.04	.04	.05	.05	.04	.038		
NO	29	30	30	30	30	30	30	30	30	30	30	30	29	24		15	27	28	29	29	29	29	29	29		656	
MAX	.07	.07	.06	.07	.06	.06	.07	.10	.09	.07	.07	.07	.06	.05		.07	.08	.06	.05	.09	.10	.10	.09	.08	.055		.14

* Indicates Saturday or Sunday
Local standard time used

TABULATED

WED., MAR. 22, 1967

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

ST. LOUIS, MO.

NITROGEN DIOXIDE
JUNE 1966

CONCENTRATION IN PPM
COLORIMETRIC ANALYSIS

AIR MONTH	AM 12	1	2	3	4	5	6	7	8	9	10	11	12	PM 1	2	3	4	5	6	7	8	9	10	11	12	DAILY MEAN	NO. OF HRS	MIN MAX
1	.06	.06	.04	.04	.05	.05	.07	.10	.14	.08	.08	.06	.04	.06		.10	.10	.06	.08	.07	.09	.09	.11	.11	.075	23	.15
2	.10	.11	.09	.08	.06	.07	.08	.08	.09	.07	.06	.05	.05	.05		.08	.08	.07	.06	.04	.04	.05	.07	.05	.068	23	.11
3	.04	.04	.03	.03	.02	.04	.06	.07	.07	.07	.05	.05					.07	.07	.04	.05	.05	.06	.06	.06	.051	20	.09
4*	.05	.03	.03	.02	.03	.03	.03	.04	.04	.04	.04	.05	.05	.04		.03	.03	.03	.03	.04	.03	.04	.05	.03	.035	23	.05
5*	.03	.02	.03	.02	.01	.02	.03	.02	.02	.02	.02	.02	.02	.02			.03	.02	.03	.03	.03	.04	.03	.03	.025	22	.04
6	.02	.01	.02	.02	.02	.02	.04	.04	.04	.04	.04	.03	.03	.02		.03	.03	.02	.01	.02	.03	.04	.04	.05	.028	23	.05
7	.05	.05	.05	.04	.03	.03	.05	.08	.07	.04	.05	.05	.05	.05		.06	.08	.05	.05	.04	.04	.04	.05	.04	.049	23	.08
8	.03	.04	.03	.03	.03	.03	.04	.04	.04	.05	.06	.08	.05	.05		.05	.06	.04	.03	.02	.02	.02	.03	.03	.038	23	.08
9											.04	.04	.04	.03		.05	.06	.04	.03	.03	.05	.06	.05	.05	.044	13	.07
10																												
11*	.04	.04	.05	.05	.03	.04	.04	.04	.04	.04	.05	.05	.04	.04		.05	.04	.04	.03	.04	.04	.03	.04	.04	.039	23	.05
12*	.04	.04	.03	.02	.01	.02	.02	.02	.02	.04	.05	.03		.02		.03	.02	.04	.04	.02	.03	.03	.03	.03	.029	22	.05
13	.02	.01	.00	.01	.01	.03	.04	.05	.04	.04	.06	.08	.09	.08		.03	.06	.05	.04	.03	.03	.03	.05	.04	.039	23	.11
14	.05	.04	.02	.02	.03	.03	.04	.06	.06	.04	.03	.02	.03	.02		.04	.05	.02	.02	.03	.04	.04	.05	.04	.036	23	.06
15	.04	.03	.02	.03	.02	.02	.03	.03	.04	.06	.06	.05	.04	.04		.04	.03	.02	.03	.03	.02	.01	.02	.01	.032	23	.07
16	.01	.01	.01	.01	.01	.01	.01	.02	.02	.01	.01	.01	.01				.02	.02	.03	.03	.04	.05	.05	.05	.021	21	.05
17	.06	.05	.05	.05	.04	.04	.05	.06	.06	.04	.03	.03	.03	.02		.04	.05	.03	.02	.05	.04	.05	.05	.05	.042	23	.06
18*	.05	.04	.04	.03	.04	.04	.05	.07	.09	.05	.03	.03	.02	.02		.02	.01	.03	.02	.02	.03	.05	.04	.04	.038	23	.09
19*	.04	.04	.05	.06	.05	.06	.08	.13	.11	.03	.02	.02	.02				.04	.06	.04	.04	.06	.07	.06	.05	.053	21	.15
20	.05	.04	.04	.04	.05	.05	.06	.07	.06	.05	.07	.05	.05	.05			.09	.06	.03	.03	.02	.02	.02	.02	.045	22	.10
21	.02	.02	.01	.02	.02	.02	.02	.03	.02	.03	.05	.06	.03	.03		.05	.06	.05	.06	.07	.07	.06	.07	.06	.039	23	.10
22	.06	.06	.06	.05	.05	.07	.12	.14	.10	.07	.05	.05	.04	.04		.06	.09	.06	.05	.05	.03	.05	.07	.06	.065	23	.17
23	.05	.04	.04	.04	.03	.04	.07	.09	.08	.08	.05	.05	.04	.04		.04	.07	.06	.04	.05	.05	.04	.04	.03	.049	23	.10
24	.03	.03	.03	.03	.03	.03	.04	.05	.06	.05	.04	.03				.04	.06	.05	.03	.03	.03	.04	.05	.05	.039	21	.06
25*	.04	.04	.03	.02	.01	.02	.04	.04	.05	.06	.05	.04	.03	.03		.03	.04	.03	.03	.02	.02	.03	.04	.05	.035	23	.07
26*	.05	.05	.03	.04	.04	.04	.04	.03	.03	.02	.01	.01	.02			.02	.03	.03	.03	.05	.05	.04	.05	.03	.034	22	.05
27	.02	.03	.03	.03	.03	.03	.03	.05	.07	.05	.05	.04	.03	.03		.05	.04	.04	.05	.04	.02	.03	.03	.03	.036	23	.07
28	.03	.01	.02	.02	.01	.03	.04	.06	.05	.02	.01	.01	.02	.02		.03	.02	.01	.02	.02	.01	.02	.03	.03	.023	23	.07
29	.02	.02	.01	.01	.02	.02	.04	.05	.05	.03	.02	.03					.03	.05	.02	.02	.03	.05	.06	.04	.031	20	.06
30	.03	.03	.02	.02	.02	.03	.04	.05	.05	.04	.04	.04	.04	.04		.06	.08	.04	.04	.05	.06	.06	.07	.07	.043	23	.09
MEAN	.04	.04	.03	.03	.03	.03	.05	.06	.06	.04	.04	.04	.04	.04		.04	.05	.04	.04	.04	.04	.04	.05	.04	.041		
NO.	28	28	28	28	28	28	28	28	28	28	29	29	25	23		23	29	29	29	29	29	29	29	29		641	
MAX	.10	.11	.09	.08	.06	.07	.12	.14	.14	.08	.08	.08	.09	.08		.10	.10	.07	.08	.07	.09	.09	.11	.11	.075		.17

* Indicates Saturday or Sunday
Local standard time used

WED., MAR. 22, 1967

D. 37

[redacted]

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

ST. LOUIS, MO.

NITROGEN DIOXIDE
JULY 1966

CONCENTRATION IN PPM
COLORIMETRIC ANALYSIS

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5 MIN MAX
1	.08		.07	.06	.06	.05	.06	.09	.10	.07	.04	.03	.04	.06		.06	.10	.08	.09	.08	.08	.08	.07	.07	.067	22	.11
2*	.06	.04	.04	.03	.03	.03	.04	.04	.04	.04	.03		.03	.02		.02	.02	.02	.02	.03	.04	.05	.05	.05	.035	22	.07
3*	.05	.05	.04	.04	.04	.04	.06	.04	.02	.02	.01	.01	.01	.01		.01	.01	.02	.02	.03	.03	.04	.05	.05	.029	23	.07
4	.03	.02	.01	.02	.02	.03	.03	.02	.01	.01	.01	.02	.01	.01		.02	.03	.01	.02	.05	.05	.06	.05	.03	.024	23	.07
5	.03	.04	.04	.04	.03	.03	.04	.07	.08	.05	.04	.02	.03	.03		.06	.05	.05	.04	.04	.05	.04	.05	.04	.042	23	.09
6	.04	.04	.03	.03	.04	.04	.04	.05	.05	.03	.02	.02	.03	.03		.02	.02	.02	.02	.02	.03	.03	.03	.04	.030	23	.05
7	.04	.04	.03	.02	.02	.03	.03	.03	.03	.04	.03	.03	.03	.04		.04	.04	.04	.03	.03	.04	.06	.06	.07	.037	23	.07
8	.05	.05	.06	.05	.06	.05	.08	.11	.06	.05	.03	.02						.05	.04	.04	.04	.05	.05	.03	.051	19	.13
9*	.03	.02	.02	.02	.02	.02	.03	.04	.03	.03	.03	.03	.03	.03		.03	.03	.03	.04	.04	.03	.04	.03	.04	.030	23	.05
10*	.03	.03	.02	.02	.03	.03	.03	.03	.03	.02	.02	.01	.01	.01		.02	.01	.03	.05	.05	.05	.04	.04	.03	.027	23	.06
11	.03	.03	.02	.02	.03	.03	.03	.04	.06	.05	.04	.02	.01	.01		.03	.06	.04	.03	.03	.03	.03	.03	.03	.032	23	.07
12	.03	.03	.03	.03	.03	.03	.04	.05	.03	.03	.02	.02	.02	.02		.02	.04	.06	.03	.05	.04	.05	.05	.04	.034	23	.06
13	.04	.03	.03	.03	.02	.02	.04	.05	.04	.03	.02	.02	.02	.02		.01									.027	15	.05
14																											
15																											
16*																											
17*																											
18																											
19																											
20																											
21		.03	.03	.04	.03	.03	.04	.04	.04	.04	.04	.04	.04	.03		.04	.06	.05	.05	.06	.06	.07	.07	.06	.046	22	.07
22	.04	.04	.04	.04	.04	.05	.05	.07	.07	.07	.05	.04	.03	.04		.05	.09	.07	.05	.06	.07	.07	.08	.09	.056	23	.10
23*	.07	.06	.08	.07	.07	.07	.08	.09	.08	.07	.08	.07	.05	.05		.04	.04	.04	.03	.03	.03	.03	.04	.03	.056	23	.09
24*	.03	.03	.03	.02	.02	.03	.04	.04	.05	.04	.03	.02	.02	.02			.02	.02	.02	.02	.03	.02	.02	.04	.027	22	.05
25	.03	.03	.02	.02	.02	.03	.05	.07	.07	.06	.07	.06	.05	.06			.06	.06	.05	.05	.05	.05	.06	.06	.050	22	.08
26	.05	.04	.05	.06	.05	.04	.05	.06	.07	.07	.07	.07	.06	.06			.07		.03	.05	.07	.05	.05	.05	.055	21	.09
27	.04	.04	.04	.04	.04	.04	.05	.05	.05	.04	.04	.03	.03	.03			.09	.07	.05	.06	.04	.03	.04	.05	.044	22	.09
28	.03	.04	.04	.03	.03	.04	.04	.05	.06	.06	.05	.06	.04	.03		.04	.05	.04	.02	.03	.04	.04	.05	.04	.041	23	.06
29	.04	.03	.03	.03	.03	.03	.04	.04	.04	.04	.05	.04						.06	.05	.05	.04	.04	.04	.03	.039	19	.06
30*	.03	.03	.03	.03	.03	.03	.02	.03	.04	.04	.03	.03	.02	.03			.03	.04	.04	.05	.06	.06	.05	.04	.035	22	.06
31*	.04	.04	.04	.03	.04	.04	.04	.05	.05	.03	.03	.03	.03	.02		.05	.04	.03	.03	.03	.05	.06	.05	.05	.038	23	.06
MEAN	.04	.04	.04	.03	.03	.04	.04	.05	.05	.04	.04	.03	.03	.03		.03	.05	.04	.04	.04	.04	.05	.05	.05	.040		
NO	23	23	24	24	24	24	24	24	24	24	24	23	22	22		17	21	22	23	23	23	23	23	23		527	
MAX	.08	.06	.08	.07	.07	.07	.08	.11	.10	.07	.08	.07	.06	.06		.06	.10	.08	.09	.08	.08	.08	.08	.09	.067		.13

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., MAR. 22, 1967

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

ST. LOUIS, MO.

NITROGEN DIOXIDE
AUG. 1966

CONCENTRATION IN PPM
COLARIMETRIC ANALYSIS

DAY OF MONTH	AM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	PM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS	1-MIN MAX
1																											
2																											
3																											
4																											
5	.03	.03	.03	.03	.03	.03	.03	.04	.03	.04	.04	.05	.05	.05			.08	.06	.04	.04	.04	.04	.04	.06	.041	22	.08
6*	.06	.05	.04	.05	.05	.05	.05	.07	.09	.09	.06	.04	.04	.03			.04	.04	.04	.06	.06	.05	.05	.06	.052	22	.09
7*	.06	.05	.05	.03	.02	.03	.03	.03	.03	.04	.03	.02	.02	.02		.02	.02	.02	.03	.04	.04	.04	.04	.04	.032	23	.06
8	.03	.04	.04	.04	.04	.04	.03	.04	.06	.06	.05	.04	.04	.04			.04	.03	.03	.02	.02	.02	.03	.03	.036	22	.06
9	.02	.02	.01	.01	.01	.02	.02	.02	.02	.03	.03	.03	.04	.05			.06	.05	.03	.03	.02	.02	.02	.03	.026	22	.06
10	.03	.02	.01	.02	.01	.02	.02	.02	.02	.03	.03	.04	.05										.02	.02	.024	15	.05
11	.02	.01	.01	.01	.01	.02	.02	.02	.02	.02	.03	.05	.04	.03	.03	.04	.04	.04	.04	.04	.04	.04	.04	.04	.029	24	.05
12	.04	.05	.04	.04	.03	.03	.03	.03	.03	.04	.04	.03	.03	.04		.04	.05	.04	.04	.04	.03	.03	.04	.03	.036	23	.05
13*	.03	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.03			.01	.01	.01	.01	.01	.01	.01	.01	.017	22	.04
14*	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00			.03	.02	.02	.02	.02	.02	.02	.02	.008	22	.03
15	.02	.01	.01	.01	.01	.01	.01	.02	.03	.03	.03	.03	.03	.03			.03	.03	.03	.02	.02	.02	.01	.01	.020	22	.03
16	.01	.01	.00	.00	.00	.01	.01	.01		.02	.02					.04	.03	.02	.02	.01	.01	.01	.01	.01	.013	19	.04
17	.01	.01	.01	.01	.01	.00	.00	.01	.01	.02	.02	.02	.02	.02		.02	.02	.02	.01	.01	.01	.01	.00	.00	.011	23	.02
18	.00	.00	.00	.00	.00	.00	.00	.00	.01	.02	.02	.03	.03	.03			.02	.02	.01	.01	.01	.01	.01	.01	.010	22	.03
19	.01	.01	.01	.01	.01	.01	.01	.01	.02	.02	.02	.03	.02	.02					.02	.02	.02	.01	.01	.01	.013	20	.03
20*																											
21*																											
22																											
23																											
24																											
25																											
26																											
27*																											
28*																											
29																											
30		.02		.02	.02		.02			.04	.05	.06	.05	.05			.06	.05	.04	.04	.04	.05	.05	.05	.042	17	.07
31	.05	.04	.04	.04	.04	.04	.05	.05	.06	.07	.05	.04	.04	.04			.06	.05	.05	.05	.05	.05	.06	.06	.050	22	.08
MEAN	.03	.02	.02	.02	.02	.02	.02	.02		.03	.03	.03	.03						.03	.03	.03	.03	.03	.03	.027		
NO	16	17	16	17	17	16	17	16	15	17	17	16	16	15	1	5	15	15	16	16	16	16	17	17		362	
MAX	.06	.05	.05	.05	.05	.05	.05	.07	.09	.09	.06	.06	.05	.05	.03	.04	.08	.06	.05	.06	.06	.05	.06	.06	.052		.09

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., MAR. 22, 1967

[redacted]

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

ST. LOUIS, MO.

CONCENTRATION IN PPM — COLORIMETRIC ANALYSIS

NITROGEN DIOXIDE
SEPT. 1966

DAY OF MONTH	AM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	PM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS	5 MIN. MAX
1	.05		.03	.03	.03	.03	.03	.04	.06	.05	.04	.04	.04	.04						.06	.07	.06	.07	.06	.045	18	.08
2	.06	.06	.05	.05	.04	.04	.06	.06	.07	.07	.06	.05	.04	.05		.05	.07	.05	.05	.04	.03	.03	.03	.03	.049	23	.07
3*	.03	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.03	.03	.03			.02	.03	.03	.03	.04	.04	.04	.03	.026	22	.04
4*	.03	.03	.03	.02	.01	.01	.02	.02	.02	.02	.02	.02	.02	.02		.02	.02	.01	.02	.02	.03	.03	.02	.02	.019	23	.04
5	.02	.03	.03	.03	.03	.03	.03	.03	.02	.02	.02	.02	.02	.01		.02	.02	.02	.03	.03	.03	.03	.03	.03	.025	23	.04
6	.02	.02	.01	.01	.01	.02	.02	.03	.02			.01	.02	.02		.03	.04	.04	.04	.04	.03	.03	.03	.03	.024	21	.04
7	.03	.03	.03	.02	.02	.01	.01	.02	.02	.02	.02									.05	.05	.05	.05	.05	.030	16	.05
8	.05	.05	.05	.06	.05	.04	.04	.04	.05	.06	.06	.05	.05	.05											.050	14	.07
9																											
10*	.07	.06	.06	.05	.05	.05	.05	.06	.07	.07	.07	.07	.05	.05			.04	.05	.04	.06	.11	.13	.12	.10	.067	22	.14
11*	.09	.09	.08	.08	.06	.04	.04	.04	.05	.08	.08	.05	.06	.08			.07	.05	.06	.07	.06	.05	.05	.05	.062	22	.09
12	.05	.05	.05	.06	.05	.05	.05	.06	.06	.06	.05	.05	.06	.05		.07	.09	.08	.07	.07	.08	.06	.07	.07	.061	23	.09
13	.06	.05	.06	.07	.06	.06	.07	.11	.07	.07	.08	.11	.12	.08			.09	.07	.08	.09	.08	.07	.07	.06	.076	22	.13
14	.05	.04	.05	.04	.04	.04	.04	.04	.05	.05	.05	.06	.06	.07		.07	.07	.07	.05	.04	.03	.03	.03	.02	.047	23	.08
15	.02	.02	.01	.01	.01	.02	.02	.02	.03	.03	.03	.03	.03						.02	.03	.03	.03	.03	.03	.024	19	.03
16	.02	.02	.02	.02	.02	.02	.02	.02	.02	.05	.09	.08	.06	.05	.06		.06	.06	.06	.07	.06	.06	.05	.06	.045	23	.10
17*	.06	.05	.04	.05	.04	.04	.05	.05	.05	.06	.05	.04	.03	.02			.04	.04	.04	.05	.06	.07	.07	.09	.049	22	.09
18*	.07	.06	.06	.06	.06	.05	.05	.04	.04	.03	.03	.04	.06	.05			.11	.09	.07	.07	.06	.06	.04	.03	.055	22	.11
19	.02	.01	.01	.01	.01	.02	.05	.06	.06	.06	.06	.05	.05	.04	.03		.05	.04	.04	.04	.04	.03	.03	.04	.037	23	.06
20	.04	.04	.03	.03	.02	.02	.04	.04	.04	.03	.04	.04	.04	.04	.03		.05	.04	.04	.04	.04	.04	.04	.04	.037	23	.05
21	.03	.02	.02	.01	.01	.02	.02	.02	.03	.02	.03	.03	.03	.04			.04	.04	.04	.05	.06	.06	.06	.06	.033	22	.06
22	.05	.04	.04	.04	.03	.03	.03	.03	.03	.03	.03	.02	.02	.02						.04	.04	.05	.05	.05	.035	19	.05
23	.04	.04	.04	.04	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03		.03	.03	.03	.04	.04	.04	.04	.05	.035	23	.06
24*	.06	.06	.05	.04	.04	.04	.04	.04	.05	.06	.07	.05	.03	.03			.02	.02	.02	.02	.02	.02	.02	.02	.037	22	.07
25*	.01	.01	.01	.01	.01	.02	.02	.02	.02	.02	.02	.02	.01	.01	.01		.01	.02	.02	.02	.02	.02	.02	.02	.016	23	.02
26	.02	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.02	.02			.02	.02	.01	.01	.01	.01	.01	.01	.012	22	.02
27	.00	.00	.00	.00	.00	.00	.00	.00	.00			.02	.02	.03		.02	.04	.04	.04	.04	.04	.04	.04	.04	.019	21	.04
28	.04	.04	.03	.03	.03	.03	.03	.03	.05	.06	.09	.07	.05	.04			.04	.06	.06	.05	.05	.05	.04	.04	.045	22	.09
29	.04	.04	.03	.03	.03	.03	.04	.05	.05	.04	.03	.02	.02	.02					.02	.02	.01	.01	.01	.01	.028	20	.05
30	.01	.01	.00	.01	.01	.01	.01	.01	.01	.01	.03	.03	.04	.03			.02	.03	.03	.03	.02	.02	.02	.02	.018	22	.04
MEAN	.04	.04	.03	.03	.03	.03	.03	.04	.04	.04	.04	.04	.04	.04			.04	.04	.04	.04	.04	.04	.04	.04	.038		
NO.	29	28	29	29	29	29	29	29	29	27	27	28	28	27	5	7	23	23	25	28	28	28	28	28		620	
MAX	.09	.09	.08	.08	.06	.06	.07	.11	.07	.08	.09	.11	.12	.08	.06	.07	.11	.09	.08	.09	.11	.13	.12	.10	.076		.14

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., MAR. 22, 1967

CONTINUOUS AIR MONITORING PROGRAM

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

ST. LOUIS, MO.

NITROGEN DIOXIDE
OCT. 1966

CONCENTRATION IN PPM
COLORIMETRIC ANALYSIS

DAY OF MONTH	AM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	PM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HOURS	DAILY MAX
1*	.02	.01	.01	.01	.01	.01	.01	.01	.01	.01	.02	.01	.01	.01			.02	.02	.02	.03	.04	.03	.03	.02	.017	22	.04
2*	.02	.02	.02	.02	.02	.01	.01	.01	.01	.01	.01	.01	.01	.01		.01	.01	.02	.02	.02	.02	.02	.02	.02	.015	23	.02
3	.02	.02	.01	.01	.01	.01	.02	.02	.03	.03	.04	.04	.04	.04			.05	.05	.05	.05	.05	.05	.05	.05	.033	22	.05
4	.04	.02	.01	.01	.00	.01	.01	.02	.02	.02	.02	.02	.02	.02			.02	.02	.02	.02	.02	.02	.02	.02	.018	22	.05
5	.01	.01	.01	.01	.01	.01	.01	.02	.03	.02	.02	.02	.02	.02			.03	.03	.05	.04	.03	.03	.03	.03	.021	22	.05
6	.03	.03	.04	.03	.04	.03	.03	.03	.06	.09	.07	.04	.04								.03	.03	.03	.040	16	.09
7	.03	.03	.03	.03	.03	.03	.03	.03	.03	.05							.06	.05	.05	.05	.05	.05	.04	.05	.040	18	.06
8*	.05	.04	.04	.03	.04	.04	.04	.04	.04	.04	.04	.04	.05	.05			.07	.07	.07	.06	.05	.05	.04	.03	.046	22	.08
9*	.03	.03	.03	.03	.03	.02	.02	.03	.03	.03	.02	.02	.02	.03			.05	.05	.03	.02	.03	.03	.03	.01	.027	22	.05
10	.01	.01	.01	.01	.01	.02	.02	.03	.03	.04	.05	.04	.03	.03			.04	.05	.05	.05	.05	.05	.05	.04	.033	22	.05
11	.03	.03	.03	.03	.03	.04	.04	.04	.07	.08			.04	.03		.04	.06	.06	.07	.07	.06	.05	.05	.05	.047	21	.08
12	.04	.04	.05	.05	.05	.05	.05	.05	.06	.05	.07	.06	.06	.06		.07	.08	.08	.07	.07	.05	.06	.06	.06	.058	23	.08
13	.06	.06	.06	.06	.06	.05	.05	.05	.04	.04	.04	.04	.04						.02	.02	.02	.02	.02	.02	.040	19	.06
14	.02	.02	.01	.01	.01	.01	.01	.01	.02	.02	.02	.02	.02	.03			.04	.03	.03	.03	.02	.02	.02	.03	.020	22	.04
15*	.04	.01	.01	.01	.01	.01	.01	.01	.01	.01	.02	.02	.02	.02			.02	.02	.02	.02	.02	.02	.02	.02	.017	22	.04
16*	.02	.01	.01	.01	.01	.01	.01	.01	.01	.01	.02	.02	.02	.02			.02	.02	.02	.02	.02	.02	.02	.02	.016	22	.03
17	.01	.01	.02	.02	.03	.03	.04	.05	.06	.07	.10	.08	.06	.05			.06	.05	.05	.05	.05	.04	.04	.04	.045	22	.10
18	.03	.03	.03	.03	.02	.03	.03	.03	.03	.03	.04	.04	.04	.05			.05	.05	.05	.04	.04	.04	.04	.04	.036	22	.05
19	.03	.02	.02	.02	.02	.02	.03	.03	.03	.03	.04	.03	.03	.03		.03	.04	.04	.06	.05	.04	.04	.04	.04	.032	23	.06
20	.04	.04	.03	.03	.03	.03	.03	.03	.03	.04	.05	.06	.05	.05						.04	.05	.05	.05	.05	.041	19	.06
21	.05	.04	.03	.03	.02	.03	.03	.04	.04	.04	.05	.05	.05	.05		.05	.06	.05	.04	.04	.04	.04	.04	.05	.042	23	.06
22*	.04	.04	.04	.04	.05	.05	.05	.05	.04	.03	.02	.02	.02	.02		.02	.03	.04	.04	.04	.04	.04	.04	.04	.036	23	.05
23*	.04	.04	.04	.04	.05	.04	.04	.04	.05	.07	.05	.04	.03	.03			.03	.04	.05	.05	.05	.05	.06	.06	.045	22	.07
24	.05	.05	.05	.05	.04	.05	.04	.05	.05	.09	.09	.05	.03	.04		.05	.06	.07	.07	.06	.06	.06	.06	.05	.056	23	.12
25	.05	.05	.04	.04	.04	.04	.04	.05	.06	.08	.08	.05	.04	.04		.05	.06	.06	.06	.06	.06	.06	.06	.06	.053	23	.09
26	.06	.06	.06	.06	.06	.08	.05	.07	.07	.10	.09	.07	.06	.05		.09	.10	.09	.09	.08	.08	.08	.06	.06	.072	23	.11
27	.06	.06	.06	.05	.05	.06	.06	.06	.06	.07	.07	.08	.07	.07		.08	.10	.09	.07	.07	.08	.08	.09	.07	.070	23	.10
28	.08	.08	.08	.08	.08	.08	.08	.08	.08	.10	.08	.07							.13	.14	.10	.08	.08	.06	.085	18	.14
29*	.04	.03	.02	.02	.02	.02	.02	.02	.02	.02	.03	.03	.03	.03			.03	.04	.04	.04	.04	.04	.04	.04	.029	22	.05
30*	.03	.03	.03	.03	.03	.02	.02	.02	.02	.03	.02	.02	.02	.03			.04	.04	.04	.05	.05	.05	.05	.05	.033	22	.05
31	.06	.06	.06	.06	.06	.06	.06	.06	.07	.07	.07	.05	.05	.04			.04	.04	.04	.04	.04	.04	.03	.03	.051	22	.07
MEAN	.04	.03	.03	.03	.03	.03	.03	.03	.04	.05	.05	.04	.04	.03			.05	.05	.05	.05	.04	.04	.04	.04	.039		
NO.	31	31	31	31	31	31	31	31	31	31	29	29	29	27		10	27	27	29	30	30	31	31	31		670	
MAX	.08	.08	.08	.08	.08	.08	.08	.08	.08	.10	.10	.08	.07	.07		.09	.10	.09	.13	.14	.10	.08	.09	.07	.085		.14

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., MAR. 22, 1967

[redacted] AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

ST. LOUIS, MO.

NITROGEN DIOXIDE
NOV. 1966

CONCENTRATION IN PPM
COLORIMETRIC ANALYSIS

DAY OF MONTH	AM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	PM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5 MIN MAX
1	.03		.02	.01	.01	.01	.01	.02	.02	.02	.02	.02	.02	.02			.03	.03	.03	.02	.02	.02	.02	.02	.020	21	.03
2	.01	.01	.01	.01	.01	.01	.01	.02	.02	.02	.02	.02	.02	.02			.03	.03	.03	.03	.03	.03	.03	.03	.021	22	.03
3	.03	.03	.02	.02	.02	.02	.02	.03	.03	.03	.03	.03	.03	.03		.04	.04	.05	.05	.05	.05	.05	.04	.04	.034	23	.05
4	.04	.05	.05	.05	.04	.04	.04	.03	.04	.04	.04	.05	.05									.04	.04	.04	.042	16	.05
5*	.04	.04	.05	.05	.04	.04	.04	.04	.04	.05	.05	.04	.04	.04			.04	.04	.04	.04	.04	.04	.04	.04	.042	22	.05
6*	.03	.03	.03	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02			.03	.05	.04	.04	.04	.04	.04	.05	.029	22	.05
7	.05	.04	.04	.04	.04	.03	.04	.04	.05	.05	.05	.05	.06	.06	.05		.06	.06	.06	.05	.05	.05	.05	.05	.049	23	.06
8	.05	.04	.04	.03	.04	.04	.04	.04	.05	.05	.04	.05	.05	.05			.05	.05	.05	.05	.05	.04	.04	.04	.044	22	.05
9	.04	.03	.03	.04	.03	.03	.03	.04	.04	.04	.04	.04	.05	.05			.05	.05	.05	.05	.03	.02	.02	.02	.037	22	.05
10	.02	.02	.02	.02	.02	.02	.02	.02	.02	.03	.03	.03	.03	.03						.05	.05	.05	.05	.04	.029	19	.05
11	.04	.04	.04	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03			.04	.05	.05	.05	.05	.05	.05	.05	.038	22	.05
12*	.06	.06	.04	.03	.02	.02	.02	.02	.02	.02	.02	.03	.03	.04			.03	.03	.03	.03	.03	.03	.03	.03	.030	22	.06
13*	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.04	.05	.06	.06		.06	.09	.09	.09	.09	.09	.09	.09	.09	.055	23	.09
14	.08	.08	.09	.06	.05	.05	.07	.10	.09	.12	.20	.16	.13	.12			.11	.13	.14	.13	.10	.11	.09	.08	.104	22	.21
15	.08	.09	.08	.07	.06	.06	.06	.09	.10	.07	.08	.08	.08	.08			.09	.10	.09	.09	.09	.09	.07	.08	.080	22	.15
16	.08	.07	.07	.08	.08	.08	.08	.08	.08	.08	.09	.09	.08	.08			.08	.08	.08	.08	.07	.07	.07	.07	.077	22	.09
17	.08	.07	.07	.05	.05	.05	.07	.07	.07	.08	.08	.08	.08	.08						.08	.08	.07	.07	.07	.071	19	.08
18	.07	.07	.06	.03	.02	.02	.02	.02	.03	.03	.03	.03	.03	.04			.05	.05	.05	.05	.04	.04	.04	.04	.039	22	.07
19*	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.02	.03	.04	.04			.04	.04	.04	.04	.04	.04	.04	.04	.034	22	.04
20*	.04	.04	.04	.04	.03	.03	.03	.03	.03	.03	.03	.04	.04	.04			.06	.06	.06	.06	.06	.06	.06	.06	.044	22	.06
21	.06	.06	.06	.04	.03	.03	.03	.04	.06	.06	.05	.06	.05	.05			.05	.06	.06	.06	.05	.05	.04	.04	.049	22	.06
22	.04	.03	.03	.03	.03	.03	.02	.03	.03	.03	.03	.03	.03	.03			.05	.06	.06	.05	.04	.04	.03	.03	.034	22	.06
23	.03	.03	.03	.03	.03	.02	.03	.03	.03	.03	.04	.04	.05	.05			.05	.05	.05	.05	.05	.05	.05	.05	.039	22	.05
24	.05	.04	.04	.04	.04	.04	.04	.04	.04	.05	.06	.06	.06	.05		.05	.06	.06	.05	.05	.05	.05	.05	.05	.049	23	.06
25	.05	.04	.04	.04	.04	.03	.02	.02	.03	.03	.04	.04	.03	.03					.03	.03	.03	.03	.03	.03	.033	20	.05
26*	.03	.03	.02	.02	.02	.02	.02	.02	.02	.02	.02	.03	.03	.03			.03	.03	.03	.03	.03	.03	.03	.03	.026	22	.03
27*	.03	.03	.03	.02	.01	.01	.01	.01	.01	.01	.01	.01	.02	.02			.02	.02	.02	.02	.01	.01	.01	.01	.016	22	.03
28	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01		.03	.03	.03			.03	.04	.04	.04	.03	.03	.03	.03	.021	21	.04
29	.02	.02	.02	.02	.02	.02	.02	.02	.03	.03	.03	.03	.03	.03			.04	.04	.04	.04	.04	.04	.04	.04	.030	22	.04
30	.04	.04	.03	.03	.03	.03	.03	.03	.03	.03	.03	.04	.04	.05		.05	.05	.05	.05	.05	.05	.04	.04	.03	.039	23	.05
MEAN	.04	.04	.04	.03	.03	.03	.03	.03	.04	.04	.04	.04	.04	.04			.05	.05	.05	.05	.05	.05	.04	.04	.042		
NO	30	29	30	30	30	30	30	30	30	30	29	30	30	29	1	4	26	26	27	29	29	30	30	30		649	
MAX	.08	.09	.09	.08	.08	.08	.08	.10	.10	.12	.20	.16	.13	.12	.05	.06	.11	.13	.14	.13	.10	.11	.09	.09	.104		.21

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., MAR. 22, 1967

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

ST. LOUIS, MO.

CONCENTRATION IN PPM
COLORIMETRIC ANALYSIS

NITROGEN DIOXIDE
DEC. 1966

DAY OF MONTH	AM 12	1	2	3	4	5	6	7	8	9	10	11	12	PM 1	2	3	4	5	6	7	8	9	10	11	12	DAILY MEAN	NO. OF HRS	DAILY MAX
1	.03		.02	.02	.02	.02	.02	.02	.03	.03	.03	.03	.03	.03		.02	.02	.03	.03	.03	.03	.03	.03	.03		.026	21	.03
2																												
3*	.03	.03	.03	.03	.03	.03	.03	.03	.03	.02	.02	.02	.02	.02					.02	.03	.03	.03	.03	.03		.027	20	.03
4*	.03	.03	.03	.03	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02			.03	.03	.03	.03	.03	.03	.03	.03		.026	22	.03
5	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03		.03	.03	.04	.04	.04	.04	.04	.04	.04		.033	23	.04
6	.04	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.04	.04		.04	.05	.05	.04	.04	.04	.04	.04		.036	22	.05
7	.04	.04	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.04	.04	.04	.04	.04	.04	.04		.034	23	.04
8	.04	.03	.03	.02	.02	.02	.03	.04	.04	.04	.04	.04	.04				.01	.01	.02	.02	.02	.02	.02	.02		.027	20	.04
9	.02	.02	.02	.01	.01	.01	.02	.02								.02	.03	.03	.03	.04	.04	.03	.03	.03		.024	17	.04
10*	.03	.03	.03	.03	.02	.02	.02	.02	.02	.02						.04							.03	.03		.026	13	.04
11*																												
12	.02							.02	.03	.03	.03	.03	.03	.03	.03			.03	.03	.03	.03	.03	.03	.03		.029	15	.03
13	.03	.03	.03	.03	.03	.03	.02	.02	.03	.03	.03	.03	.03	.03	.03	.03	.03	.04	.03	.02	.02	.02	.02	.02		.027	23	.04
14	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.03	.03	.03	.03	.03	.03	.03	.03	.02	.02	.02		.023	23	.03
15	.02	.02	.02	.02	.02	.02	.02	.03	.03	.03				.03		.04	.04	.05	.05	.05	.05	.04	.04	.04		.033	20	.05
16	.04	.05	.04	.04	.04	.04	.04	.03	.03	.03	.03	.03	.05	.06	.06		.05	.05	.04	.04	.03	.03	.04	.05	.06	.041	23	.06
17*	.06	.05	.05	.05	.05	.05	.05	.05	.05	.04	.04	.04	.04	.06	.03		.03	.04	.05	.05	.05	.05	.05	.05	.04	.046	23	.06
18*	.04	.04	.04	.04	.04	.03	.03	.03	.03	.03	.03	.03	.03	.03	.02			.04	.06	.06	.07	.07	.07	.07	.06	.043	22	.08
19	.05	.04	.04	.04	.03	.03	.03	.03	.03	.03	.04	.05	.05	.05	.05			.04	.05	.05	.05	.04	.04	.04	.03	.040	22	.05
20																												
21																												
22																												
23																												
24*																												
25*																												
26																												
27																												
28	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.01		.01	.01			.09	.03	.03	.03	.02	.02	.02	.02	.014	22	.13
29	.02	.02	.02	.01	.01	.01	.01	.02	.02	.02	.02	.02		.02	.02	.02		.04	.04	.04	.04	.04	.04	.04	.03	.025	23	.04
30	.03	.02	.02	.02	.02	.02	.02	.02	.02									.05	.07	.05	.04	.04	.04	.04	.04	.033	17	.07
31*	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03		.03	.03			.03	.03	.03	.03	.03	.03	.03	.03	.030	22	.04
MEAN	.03	.03	.03	.03	.02	.02	.03	.03	.03	.03	.03	.03		.03	.03			.04	.04	.04	.04	.03	.04	.03		.031		
NO. OF HRS	21	19	20	20	20	20	20	21	20	19	17	17		16	17	1	10	18	19	20	20	20	20	21	20		436	
MAX	.06	.05	.05	.05	.05	.05	.05	.05	.05	.04	.04	.05		.06	.06	.02	.05	.09	.07	.06	.07	.07	.07	.07	.06	.046		.13

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., MAR. 22, 1967

D. 43

[redacted]

HOURLY AVERAGES OF
GASEOUS POLLUTANT CONCENTRATIONS

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

ST. LOUIS, MO.

SULFUR DIOXIDE
JAN. 1966

CONCENTRATION IN PPM
CONDUCTOMETRIC ANALYSIS

DAY OF MONTH	AM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	PM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS	5 MIN MAX
1*	.02	.02	.04	.02	.02	.01	.01	.01	.02	.01	.02	.02	.01	.01	.01	.02	.02	.04	.11	.06	.05	.04	.06	.03	.029	24	.18
2*	.06	.02	.03	.02	.04	.02	.02	.04	.02	.02	.04	.03	.01	.01	.02	.02	.01	.01	.01	.01	.01	.01	.01	.01	.020	24	.09
3	.01	.01	.01	.02	.02	.03	.07	.10	.10	.11	.14	.14	.14	.07	.05	.02	.01	.02	.07	.09	.16	.07	.05	.02	.064	24	.26
4	.02	.03	.04	.01	.01	.02	.07	.07	.06	.10	.04	.10	.08	.11	.14	.10	.06	.06	.07	.10	.07	.07	.08	.10	.066	24	.27
5	.12	.11	.14	.11	.16	.20	.13	.16	.28	.42	.23	.20	.11	.20	.09	.04	.04	.03	.03	.04	.05	.03	.04	.02	.123	24	.44
6	.01	.02	.02	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.02	.01		.02	.03	.04	.06	.04	.06	.05	.03	.022	23	.11
7	.07	.09	.12	.03	.03	.02	.02	.02	.03	.02	.02	.01	.01	.01	.01	.01	.01	.01	.02	.01	.01	.01	.01	.01	.025	24	.17
8*	.01	.01	.01	.01	.01	.01	.01	.03	.08	.16	.20	.14	.07	.02	.01	.01	.01	.01	.02	.01	.01	.01	.01	.01	.037	24	.29
9*	.01	.03	.06	.02	.12	.07	.03	.03	.01	.02	.01	.01	.06	.05	.06	.15	.07	.12	.01	.02	.12	.14	.02	.02	.052	24	.26
10	.02	.03	.03	.04	.03	.04	.03	.03	.03	.03	.02	.02	.02	.01	.01	.01	.01	.02	.02	.03	.06	.06	.07	.17	.034	24	.47
11	.09	.23	.05	.08	.03	.04	.04	.08	.07	.04	.02								.01	.02	.02	.01	.02	.02	.050	17	.34
12	.09	.18	.03	.22	.29	.25	.16	.06	.04	.06	.08	.08	.04	.02	.02	.03	.05	.02	.01	.09	.03	.03	.03	.02	.079	24	.33
13	.00	.01	.00	.00	.00	.00	.00	.00	.01	.01	.01	.01	.01	.00	.00	.00	.01	.01	.02	.03	.03	.03	.04	.02	.009	24	.04
14	.03	.01	.10	.10	.01	.01	.03	.04	.11	.13	.19	.25	.15	.11	.04	.03	.03	.06	.05	.01	.00	.00	.00	.09	.066	24	.45
15*	.12	.10	.12	.09	.07	.07	.07	.20	.11	.09	.12	.02	.00	.09	.01	.00	.01	.00	.01	.08	.04	.02	.00	.03	.060	24	.42
16*	.11	.05	.04	.00	.00	.00	.00	.00	.03	.04	.05	.02	.01	.02	.02	.02	.01	.02	.04	.06	.02	.01	.01	.01	.024	24	.22
17	.01	.00	.00	.01	.01	.00	.00	.01	.02	.01	.01	.00	.00	.01	.00	.00	.00	.00	.00	.00	.00	.00	.01	.01	.004	24	.04
18	.02	.02	.02	.02	.01	.01	.00	.01	.02	.04	.03	.02	.02	.01	.00	.00	.00	.01	.01	.03	.05	.10	.05	.04	.022	24	.19
19	.03	.01	.02	.04	.06	.02	.03	.05	.05	.04	.03	.01	.01	.02	.05	.02	.02	.00	.00	.06	.02	.03	.04	.08	.029	24	.24
20	.05	.03	.04	.08	.07	.07	.15	.29	.09	.06	.03	.02				.01	.05	.01	.01	.02	.05	.03	.06	.01	.058	21	.39
21	.01	.02	.01	.02	.03	.06	.04	.03	.06	.03	.03	.03	.03	.05	.04	.11	.06	.04	.01	.00	.00	.00	.00	.00	.029	24	.18
22*	.00	.01	.04	.06	.03	.05	.07	.06	.04	.01	.01	.02	.01	.01	.01	.01	.01	.01	.01	.01	.00	.00	.00	.01	.020	24	.11
23*	.00	.00	.00	.00	.00	.00	.00	.00	.01	.00	.01	.01	.01	.01	.00	.00	.00	.00	.02	.01	.03	.02	.04	.01	.008	24	.06
24	.01	.00	.00	.01	.10	.11	.15	.11	.23	.05	.15	.12	.08	.06	.06	.13	.07	.00	.00	.05	.00	.00	.03	.10	.067	24	.42
25	.03	.03	.05	.04	.00	.02	.03	.04	.03	.02	.05	.06	.08	.08	.09	.07	.08	.05	.04	.12	.07	.20	.23	.15	.068	24	.26
26	.14	.19	.24	.25	.20	.15	.17	.19	.17	.12	.06	.02	.02	.02	.02	.01	.01	.01	.03	.03	.04	.04	.06	.05	.093	24	.29
27	.06	.08	.05	.04	.02	.04	.03	.02	.01	.01	.01		.00	.00	.00	.00	.01	.01	.00	.02	.06	.02	.04	.05	.025	23	.11
28	.04	.04	.03	.04	.04	.05	.06	.08	.05	.07	.09	.10	.06	.04	.04	.03	.00	.01	.01	.02	.01	.01	.01	.00	.038	24	.15
29*	.01	.01	.00	.00	.00	.00	.00	.00	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.01	.00	.00	.00	.00	.002	24	.01
30*	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.03	.05	.05	.02	.01	.02	.01	.02	.02	.02	.03	.04	.04	.03	.015	24	.08
31	.03	.04	.06	.08	.09	.04	.02	.02	.02	.03	.03	.01	.02	.03	.02	.00	.01	.02	.02	.01	.01	.02	.02	.01	.026	24	.11
MEAN	.04	.05	.05	.05	.05	.05	.05	.06	.06	.06	.06	.05	.04	.04	.03	.03	.02	.02	.02	.04	.03	.04	.04	.04	.041		
NO.	31	31	31	31	31	31	31	31	31	31	31	29	29	29	29	29	30	30	31	31	31	31	31	31		732	
MAX	.14	.23	.24	.25	.29	.25	.17	.29	.28	.42	.23	.25	.15	.20	.14	.15	.08	.12	.11	.12	.16	.20	.23	.17	.123		.47

* Indicates Saturday or Sunday
Local standard time used

TABULATED

WED., MAR. 22, 1967

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

ST. LOUIS, MO.

SULFUR DIOXIDE
FEB. 1966

CONCENTRATION IN PPM

CONDUCTOMETRIC ANALYSIS

DAY OF MONTH	AM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	PM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS	5 MIN. MAX
1	.04	.00	.00	.06	.24	.23	.04	.05	.18	.45	.38	.17	.10	.07	.06	.07	.06	.05	.06	.03	.02	.01	.03	.03	.101	24	.56
2	.03	.02	.02	.02	.02	.05	.08	.10	.06	.07	.09	.11	.09	.08	.03	.01	.02	.02	.03	.04	.05	.05	.05	.05	.048	24	.15
3	.04	.05	.04	.05	.05	.09	.09	.09	.10	.09	.13	.11		.02	.02	.03	.02	.02	.03	.01	.01	.01	.00	.00	.047	23	.17
4	.00	.00	.00	.00	.00	.01	.01	.01	.02	.02	.01	.01	.02	.01	.01	.00	.00	.01	.02	.03	.04	.06	.05	.05	.016	24	.08
5*	.05	.04	.04	.05	.04	.07	.04	.04	.04	.04	.02	.02	.04	.02	.01	.00	.01	.00	.01	.00	.00	.03	.01	.07	.028	24	.13
6*	.11	.04	.02	.02	.03	.03	.13	.16	.09	.20	.05	.01	.01	.02	.00	.01	.00	.00	.00	.01	.00	.02	.03	.03	.042	24	.23
7	.02	.02	.03	.01	.01	.01	.04	.09	.04	.06	.06	.15	.12	.04	.08	.09	.05	.06	.03	.01	.02	.09	.08	.02	.051	24	.24
8	.01	.00	.00	.01	.01	.02	.01	.07	.07	.08	.05	.07	.05	.04	.01	.01	.03	.06	.08	.04	.04	.07	.03	.05	.037	24	.19
9	.04	.01	.01	.02	.03	.03	.03	.04	.03	.02								.00	.00	.00	.00	.00	.01	.00	.015	17	.11
10	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.04	.11	.14	.08	.03	.01	.01	.01	.02	.00	.00	.01	.01	.01	.020	24	.28
11	.09	.07	.02	.04	.01	.01	.03	.03	.01	.01	.03	.02	.02	.00	.00	.01	.00	.01	.01	.02	.02	.02	.09	.18	.030	24	.37
12*	.04	.05	.06	.06	.03	.03	.15	.06	.14	.08	.07	.03	.01	.02	.02	.06	.04	.02	.06	.08	.10	.08	.08	.08	.059	24	.42
13*	.08	.06	.03	.03	.02	.03	.02	.01	.04	.03	.01	.01	.00	.00	.00	.01	.01	.01	.01	.00	.01	.00	.00	.00	.017	24	.10
14	.00	.00	.00	.01	.01	.01	.04	.08	.05	.05	.06	.04	.04	.04	.03	.03	.04	.04	.04	.04	.07	.07	.07	.08	.039	24	.10
15	.07	.06	.05	.12	.15	.23	.08	.16	.22	.20	.09	.06	.06	.04	.04	.03	.03	.03	.03	.05	.04	.06	.05	.08	.084	24	.38
16	.08	.09	.08	.04	.05	.04	.06	.07	.04	.03	.02	.02	.03	.02	.02	.02	.01	.01	.03	.03	.04	.06	.05	.03	.039	24	.13
17	.03	.03	.03	.03	.08	.09	.08	.16	.11	.09	.03	.10	.13	.04			.02	.02	.05	.11	.15	.05	.22	.30	.088	22	.31
18	.23	.22	.17	.14	.13	.15	.23	.24	.18	.15	.10	.12	.08	.02	.02	.03	.02	.02	.04	.09	.07	.04	.10	.09	.110	24	.35
19*	.07	.05	.04	.05	.04	.05	.05	.05	.07	.06	.06	.05	.05	.07	.06	.07	.07	.10	.06	.11	.13	.18	.03	.03	.066	24	.24
20*	.02	.02	.02	.05	.17	.27	.28	.30	.19	.07	.10	.06	.05	.05	.07	.16	.15	.12	.07	.12	.13	.17	.21	.07	.121	24	.42
21	.10	.11	.14	.12	.13	.04	.04	.13	.15	.16	.13	.12	.08	.08	.07	.06	.07	.07	.08	.09	.11	.12	.11	.09	.100	24	.25
22	.10	.09	.12	.17	.18	.18	.24	.23	.28						.06	.08	.07	.06	.08	.06	.09	.08	.05	.10	.121	19	.36
23	.14	.15	.08	.06	.05	.09	.13	.08	.08	.09	.11	.26	.10	.14	.04	.07	.08	.05	.04	.14	.05	.10	.08	.04	.094	24	.38
24	.11	.18	.15	.17	.18	.19	.30	.21	.19	.16	.13	.11	.11	.07	.05	.05	.05	.06	.09	.08	.08	.13			.129	22	.33
25				.10	.09	.13	.14	.06	.06	.04	.02		.02	.02	.01	.01	.01	.02	.03	.04	.06	.10	.11	.13	.058	20	.17
26*	.09	.10	.05	.05	.04	.04	.05	.07	.06	.02	.02	.02	.02	.02	.01	.01	.01	.01	.03	.04	.06	.06	.05	.03	.040	24	.18
27*	.03	.03	.03	.03	.02	.02	.02	.03	.04	.02	.02	.02	.07	.06	.03	.03	.02	.03	.02	.03	.02	.03	.03	.05	.030	24	.15
28	.02	.03	.04	.02	.02	.05	.02	.02	.04	.05	.07	.08	.02	.02	.02	.04	.03	.02	.02	.02	.02	.03	.04	.04	.033	24	.15
MEAN	.06	.06	.05	.05	.07	.08	.09	.09	.09	.09	.07	.07	.06	.04	.03	.04	.03	.03	.04	.05	.05	.06	.06	.06	.059		
NO.	27	27	27	28	28	28	28	28	28	27	26	25	25	26	26	26	27	28	28	28	28	28	27	27		651	
MAX	.23	.22	.17	.17	.24	.27	.30	.30	.28	.45	.38	.26	.14	.14	.08	.16	.15	.12	.09	.14	.15	.18	.22	.30	.129		.56

* Indicates Saturday or Sunday
Local standard time used

TABULATED

WED., MAR. 22, 1967

D-45

CONTINUOUS AIR MONITORING PROGRAM

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

ST. LOUIS, MO.

SULFUR DIOXIDE
MARCH 1966

CONCENTRATION IN PPM
CONDUCTOMETRIC ANALYSIS

DAY OF MONTH	AM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	PM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS.	5 MIN. MAX.
1	.04	.04	.03	.03	.04	.03	.04	.06	.06	.07	.06	.05	.05	.05	.02	.02	.01	.06	.05	.07	.05	.01		.05	.043	23	.17
2	.06	.04	.06	.01	.01	.01	.01	.02	.03	.02	.07	.12	.06	.06	.09	.10	.04	.02	.03	.10	.03	.08	.09	.02	.048	24	.18
3	.02	.01	.01	.01	.01	.03	.01	.02	.04	.07	.12	.03	.02	.07	.08	.09		.07	.06	.10				.02	.044	20	.17
4	.04	.03	.02	.02	.01	.01	.01	.02	.02	.02	.02		.02	.04	.03	.01	.01	.02	.01	.01	.05	.02	.02	.03	.021	23	.09
5*	.03	.02	.02	.02	.01	.02	.02	.02	.03	.05	.03	.06	.05	.03	.01	.01	.02	.03	.01	.01	.00	.01	.00	.00	.022	24	.10
6*	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.01	.01	.01	.01	.01	.01	.01	.02	.02	.02	.02	.01	.007	24	.08
7	.01	.01	.01	.01	.02	.03	.05	.05	.04	.03	.02	.01	.02	.02	.02	.02	.01	.05	.03	.04	.05	.07	.04	.06	.030	24	.12
8																											
9											.12	.10	.07	.08	.06	.05	.08	.06	.05	.09	.04	.04	.05	.08	.067	14	.18
10	.05	.06	.04	.03	.03	.03	.03	.07	.05	.06	.04	.12	.06	.07	.12	.09	.12	.05	.05	.05	.12	.05	.03	.03	.060	24	.18
11	.07	.05	.05	.05	.04	.04	.05	.07	.08	.06	.11	.11	.09	.07	.07	.08	.11	.09	.11	.12	.06	.07	.04	.11	.074	24	.16
12*	.14	.10	.06	.04	.05	.06	.04	.06	.08	.05	.04	.03	.03	.03	.03	.03	.03	.04	.04	.03	.04	.05	.10	.09	.053	24	.17
13*	.09	.10	.08	.10	.09	.13	.10	.12	.06	.05	.08	.06	.06	.06	.06	.07	.05	.06	.06	.04	.05	.04	.04	.04	.070	24	.16
14	.03	.03	.03	.08	.08	.09	.11	.12		.08	.06	.08	.08	.12	.16				.03	.03	.04	.05	.11	.08	.074	20	.18
15	.04	.05	.03	.04	.05	.12			.04	.04		.09	.12	.12	.11	.09	.08	.05	.08	.06	.07	.10	.12	.11	.076	21	.18
16	.06	.05	.07	.08	.07	.05	.08	.12	.12	.09	.11	.10	.06	.06	.05	.06	.06	.06	.03	.05	.04	.04	.03	.03	.065	24	.18
17	.02	.02	.03	.04	.04	.02	.01	.03	.03	.04	.07		.07	.05	.05	.05	.01	.04	.02	.05	.01	.07	.05	.03	.037	23	.13
18	.01	.01	.02	.01	.01	.01	.02	.02	.03	.05	.06	.05	.03	.04	.03	.03	.03	.04	.03	.03	.03	.03	.0	.06	.029	24	.11
19*	.02	.00	.02	.03	.03	.03	.03	.03	.05	.02	.01	.01	.02	.01	.01	.00	.01	.01	.01	.02	.03	.03	.03	.03	.019	24	.07
20*	.03	.04	.04	.06	.04	.06	.08	.06	.06	.16	.08	.03	.04	.05	.05	.04	.03	.02	.01	.06	.05	.17	.05	.03	.055	24	.50
21	.02	.02	.03	.04	.03	.02	.01	.02	.05	.04	.02	.02	.02	.03	.05	.03	.01	.06	.10	.12	.05	.12	.06	.04	.041	24	.17
22	.05	.04	.05	.05	.01	.01	.01	.01	.08	.02	.01	.01	.06	.08	.08	.05	.02	.04	.07	.04	.06	.01	.01	.02	.037	24	.14
23	.01	.00	.05	.03	.01	.00	.01	.01	.01	.05	.05	.04	.04	.04	.04	.07	.04	.02	.02	.03	.02	.01	.01	.01	.025	24	.11
24	.01	.01	.00	.01	.01	.02	.03	.03	.01	.01	.01	.01	.01	.01	.02	.01	.01	.01	.02	.02	.03	.04	.03	.04	.016	24	.05
25	.03	.02	.04	.02	.02	.07	.08	.08			.08	.06	.03	.05	.04	.05	.02	.02	.05	.13	.13	.09	.07	.02	.054	22	.17
26*	.01	.00	.00	.00	.01	.01	.00	.00	.01	.01	.00	.00	.00	.00	.00	.00	.00	.01	.01	.01	.02	.06	.08	.08	.013	24	.12
27*	.07	.07	.10	.04	.03	.02	.05	.09	.10	.11	.05	.03	.02	.02	.01	.01	.00	.02	.01	.01	.02	.01	.02	.02	.038	24	.16
28	.02	.03	.05	.06	.10	.11	.15	.15			.08	.13										.06	.03	.03	.076	13	.17
29	.03	.03	.04	.09	.09	.06	.14	.16		.13	.10		.03	.04	.02	.01	.01	.01	.01	.02	.02	.01	.01	.01	.049	22	.17
30	.01	.01	.01	.01	.01	.02	.04	.04	.03	.02	.01	.01	.01	.01		.02	.02	.03	.03	.07	.07	.06			.025	21	.14
31																											
MEAN	.04	.03	.03	.04	.03	.04	.04	.05	.04	.05	.05	.05	.04	.05	.05	.04	.03	.04	.04	.05	.04	.05	.05	.04	.043		
NO. OF MAX.	28	28	28	28	28	28	27	27	24	26	28	26	28	28	27	27	26	27	28	28	27	28	26	28		654	
5 MIN. MAX.	.14	.10	.10	.10	.10	.13	.15	.16	.12	.16	.12	.13	.12	.12	.16	.10	.12	.09	.11	.13	.13	.17	.12	.11	.076		.50

* Indicates Saturday or Sunday
Local standard time used

TABULATED BY

WED., MAR. 22, 1967

CONTINUOUS AIR MONITORING PROGRAM

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

ST. LOUIS, MO.

CONCENTRATION IN PPM

CONDUCTOMETRIC ANALYSIS

SULFUR DIOXIDE
APRIL 1966

DAY OF MONTH	AM 12	AM 1-2	AM 2-3	AM 3-4	AM 4-5	AM 5-6	AM 6-7	AM 7-8	AM 8-9	AM 9-10	AM 10-11	AM 11-12	PM 12-1	PM 1-2	PM 2-3	PM 3-4	PM 4-5	PM 5-6	PM 6-7	PM 7-8	PM 8-9	PM 9-10	PM 10-11	PM 11-12	DAILY MEAN	NO. OF HRS	5 MIN MAX
1	.00		.00	.00	.00	.01	.00	.00	.00	.01	.00	.02	.01	.00	.00	.00	.00	.00	.00	.01	.02	.01	.01	.00	.004	23	.09
2*	.00	.00	.00	.00	.00	.01	.01	.01	.01	.01	.00	.00	.00	.00	.00	.03	.01	.04	.01	.19	.22	.02	.01	.01	.025	24	.54
3*	.05	.09	.02	.06	.08	.13		.07	.02	.01	.01	.00	.00	.00	.01	.02	.02	.02	.01	.01	.01	.01	.00	.01	.028	23	.18
4	.01	.01	.01	.01	.01	.02	.03	.02	.02	.01	.01	.01	.00	.00	.00	.00	.00	.00	.00	.01	.00	.00	.00	.00	.007	24	.03
5	.01	.01	.01	.01	.00	.00	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.02	.01	.01	.01	.02	.01	.01	.01	.010	24	.03
6	.01	.01	.01	.01	.01	.02	.03	.02	.02	.02	.02	.01	.01	.00	.00	.00	.00	.00	.01	.01	.02	.02	.01	.02	.013	24	.04
7	.04	.03	.04	.01	.01	.03	.05	.01	.01	.01	.01	.01	.00								.02	.07	.05	.06	.027	17	.13
8	.07	.07	.07	.03	.01	.03	.06	.11			.03	.02	.01	.01	.02	.02	.02	.02	.03	.02	.02	.01	.01	.01	.031	22	.16
9*	.01	.01	.02	.02	.02	.03	.04	.03	.02	.01	.01	.01	.01	.01	.01	.01	.00	.00	.00	.00	.00	.05	.04	.05	.016	24	.15
10*	.04			.08	.09	.06	.06	.09	.37	.03	.00	.01	.01	.01	.01	.04	.04	.03	.11	.07	.09	.05	.03	.03	.060	22	.56
11	.02	.02	.01	.01	.01	.16	.02	.01	.02	.02	.03	.02	.01	.02	.02	.02	.03	.09	.03	.02	.05	.06	.06	.04	.032	24	.50
12						.03	.11	.04	.04	.06	.04	.04	.05	.04	.04	.07	.10	.05		.04	.05	.06	.04	.07	.052	18	.17
13	.07	.05		.09	.09			.09			.09	.10	.05	.06	.05	.07	.05	.05	.06	.04	.06	.11	.07	.07	.069	19	.17
14	.08	.05	.04	.11	.15	.11	.19	.34	.62	.27	.49	.72	.16	.18	.11	.11	.10	.06	.04	.04	.05	.07	.12	.06	.178	24	1.25
15	.04	.06	.05	.04	.05	.12	.11	.12		.10	.06	.10		.12	.09	.12	.08			.05	.08	.07	.03	.05	.076	20	.19
16*	.05	.06	.10	.06	.11						.09	.07	.03	.03	.03	.03	.04	.03	.02	.07	.04	.03	.04	.11	.053	19	.18
17*		.05	.05	.05	.05	.13	.06	.06	.03	.03	.03	.04	.04	.03	.04		.06	.02	.01	.01			.04	.07	.044	20	.42
18	.02	.04	.05	.07	.02	.02	.02	.05	.04	.03	.02	.04			.09	.09	.10	.10	.02	.02	.06	.05		.03	.045	21	.18
19	.04	.07	.05	.02	.05	.08	.11			.08	.07	.04	.06	.05	.10	.11	.11	.11	.07	.03	.03	.08	.03	.02	.064	22	.17
20	.02	.04	.07	.02	.06	.09	.07	.11	.06	.07	.06	.08	.04	.08	.12	.08	.02		.03	.01	.01	.01	.01	.01	.051	23	.17
21	.01	.01	.01	.01	.01	.01	.03	.03	.03				.12	.11	.07	.07	.06	.12	.04	.02	.03	.03	.03	.07	.044	21	.17
22	.05	.01	.02	.07	.05	.08	.08	.08	.05	.03	.04		.03	.03	.02	.03	.07	.07	.02	.03	.03	.03	.02	.05	.043	23	.42
23*		.04	.08	.08	.04	.05	.05	.08	.05	.02	.05	.13	.14	.08	.03	.05	.06	.06	.07	.09	.09	.06	.04	.06	.064	23	.18
24*	.13	.13	.04	.02	.02	.02	.02	.02	.02	.05	.03	.03	.02	.02	.01	.01	.01	.03	.03	.06	.07	.05	.04	.05	.038	24	.18
25	.04	.04	.05	.04	.10	.12	.10	.10	.07	.15	.10	.09	.06	.07	.11	.06	.03	.03	.02	.02	.05	.13	.02	.02	.068	24	.53
26	.02	.02	.03	.03	.03	.04	.06	.04	.04	.04	.03	.03	.03	.03	.05	.09	.07		.05	.04	.03	.02	.02	.02	.037	23	.17
27	.01	.02	.02	.01	.01	.02	.03	.09	.09	.03	.10				.12	.06	.04	.04	.19		.09	.03	.02	.06	.053	20	.48
28	.01	.01	.01	.01	.01	.01	.02	.02	.01	.01	.01	.01	.01	.01	.01	.01	.02	.05	.09	.05	.02	.02	.06	.06	.023	24	.17
29	.10	.06	.03	.02	.02	.02	.03	.02	.02			.01	.02	.01	.01	.02	.08	.02		.18	.14	.03	.11	.05	.046	21	.55
30*	.06	.02	.05	.07	.03	.02	.03	.02	.02	.02	.00	.01	.00	.00	.00	.00	.00	.00	.01	.00	.03	.05	.05	.06	.021	24	.17
MEAN	.04	.04	.03	.04	.04	.05	.05	.06	.07	.04	.05	.06	.03	.04	.04	.04	.04	.04	.04	.04	.05	.04	.03	.04	.044		
NO	27	27	27	29	29	28	27	28	25	25	28	27	27	27	29	28	29	26	26	28	29	29	29	30		664	
MAX	.13	.13	.10	.11	.15	.16	.19	.34	.62	.27	.49	.72	.16	.18	.12	.12	.11	.12	.19	.19	.22	.13	.12	.11	.178		1.25

* Indicates Saturday or Sunday
Local standard time used

THU., MAY 4, 1967

[redacted]

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

ST. LOUIS, MO.

CONCENTRATION IN PPM

CONDUCTOMETRIC ANALYSIS

SULFUR DIOXIDE
MAY 1966

DAY OF MONTH	AM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	PM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS	5 MIN MAX
1*	.04	.03	.08	.10	.16	.19		.12	.09	.05	.11	.05	.06	.03	.04	.03	.04	.02	.03	.01	.01	.03	.03		.061	22	.35
2	.08	.03	.04	.03	.02	.06	.06	.05	.07	.13			.08	.09		.13	.04	.01	.05	.11	.11	.10	.06	.08	.068	21	.18
3	.09	.07	.51		.12	.08	.07	.11	.08		.12	.10	.10	.12	.08	.10	.13	.07	.10		.08	.06	.04	.03	.106	21	.59
4	.07	.02	.01	.01	.04	.06	.04	.03	.03	.04	.05	.06	.05	.07	.07	.09	.10				.04	.08	.05	.03	.048	21	.18
5	.07		.11	.09	.12	.08	.08	.05	.03	.02	.01	.01	.01	.01			.01	.00	.00	.00	.00	.01	.00	.01	.034	21	.16
6	.00	.00	.00	.02	.00	.01	.02	.01	.02	.11	.08	.09	.05	.08	.05	.03	.04	.05	.04	.02		.02	.02	.03	.035	23	.23
7*	.06	.22	.03	.01	.02	.10	.25	.07	.03	.04	.08	.04	.02	.03	.05	.06	.07	.00	.00	.03	.06	.02	.00	.00	.053	24	.55
8*	.00	.01	.01	.00	.00	.00	.02	.09	.06	.00	.00	.00	.00	.00	.00	.01	.01	.07	.08	.07	.08	.04	.07	.05	.027	24	.17
9	.04	.06	.05	.03	.05	.02	.04	.04	.03	.06	.02	.02	.01	.01	.02	.02	.04	.03	.04	.01	.02	.05	.11		.035	23	.18
10	.11			.08	.08	.05	.03	.02	.02	.01	.01	.03									.07	.11	.09	.08	.056	14	.16
11																											
12			.16	.14	.14	.13	.13	.14	.14	.12			.06	.04	.03	.03	.03	.04	.04	.05	.06	.08	.09	.11	.088	20	.18
13	.13	.10	.10	.10	.12	.11	.05	.05	.05	.05	.05	.05	.05	.06	.06	.03	.03	.03	.03	.05	.05	.05	.05	.05	.062	24	.18
14*	.08	.13	.11	.10	.07	.05	.07	.09	.10	.10	.13	.14	.12		.09	.08	.07	.09		.24	.23	.07	.06	.06	.103	22	.55
15*	.05	.05	.05	.04	.05		.07			.07	.06	.09		.06	.05	.07	.10			.10	.10		.10	.07	.068	17	.28
16	.07	.05	.08	.14	.09	.09	.13		.14	.07	.10	.06	.08	.09	.09	.10	.08	.09	.04	.07	.05	.03	.05	.07	.080	23	.18
17	.08	.11	.13	.12	.12			.09	.11		.06	.07	.11	.09	.13	.11	.08	.11	.07	.10	.04	.05	.05	.06	.090	21	.18
18	.06	.08	.07	.06	.06	.06	.06	.04	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.05	.05	.06	.043	24	.16
19	.06	.09	.15	.08	.07	.07	.08	.06	.03	.03			.03	.03	.03	.02	.03	.04	.03	.06	.09	.08			.057	20	.16
20	.19	.13	.13	.12	.12	.14	.17	.11	.18	.08	.08	.14	.08	.05	.03	.03	.08	.12	.10	.07	.12	.04	.05	.06	.100	24	.49
21*	.10	.07	.09	.05	.10	.08	.13	.10	.12	.13	.07	.04	.10	.10	.07	.11	.07	.09	.09	.08	.06	.07	.11	.15	.090	24	.18
22*	.09	.04	.05	.08	.13	.12	.10	.08	.06	.04	.04	.08	.07	.08	.08	.08	.11	.11					.10	.12	.082	20	.18
23	.13	.11	.12	.11	.10	.08	.07	.06	.11	.13	.14	.11	.08	.07	.06	.11	.09	.08	.10	.09	.03	.04	.04	.05	.088	24	.28
24	.05	.04	.04	.04	.03	.04	.06	.06	.04	.03	.03	.02	.02	.02	.02	.03	.05	.04	.06	.08	.09	.10	.09		.047	23	.12
25			.10	.07	.05	.07	.31		.46		.13	.08	.05	.07	.05	.06	.07	.07	.06	.05	.05	.12	.09	.07	.103	20	.59
26	.07	.06	.05	.08	.08	.07			.08	.04	.03	.03	.03			.02	.03	.02	.06	.08	.18		.07	.12	.064	19	.42
27					.09	.11	.05	.04	.03	.03	.02	.02	.03	.04	.03	.02	.02	.02	.02	.02	.03	.03	.03	.05	.035	20	.12
28*	.04	.03	.03	.03	.03	.03	.04	.03	.03	.02	.01	.02	.01	.01	.02	.02	.01	.02	.03	.02	.05			.11	.028	22	.15
29*	.11			.11	.08	.09	.09	.06	.02	.03	.05	.03	.04	.07	.06	.02	.01	.01	.02	.07	.03	.04	.04	.04	.051	22	.16
30	.16	.07	.06	.08	.06	.02	.04		.10	.04	.02	.03	.02	.01	.01	.01	.01	.01	.01	.01	.01	.02	.07	.04	.038	23	.20
31	.02	.04	.10	.06	.06		.12	.15	.08	.03	.02	.02	.02	.02	.02	.04	.02	.02	.02	.02	.03	.07	.09		.047	22	.17
MEAN	.07	.07	.09	.07	.07	.07	.09	.07	.08	.06	.06	.05	.05	.05	.05	.05	.05	.05	.04	.06	.06	.06	.06	.06	.063		
NO.	27	24	27	28	30	27	27	25	29	27	27	27	28	27	26	28	29	27	25	26	28	26	28	25		648	
MAX	.19	.22	.51	.14	.16	.19	.31	.15	.46	.13	.14	.14	.12	.12	.13	.13	.13	.12	.10	.24	.23	.12	.11	.15	.106		.59

* Indicates Saturday or Sunday
Local standard time used

TABULATED: MON., MAY 22, 1967

CONTINUOUS AIR MONITORING PROGRAM

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

ST. LOUIS, MO.

CONCENTRATION IN PPM

CONDUCTOMETRIC ANALYSIS

SULFUR DIOXIDE
JUNE 1966

DAY OF MONTH	AM 12	12	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	PM 12-1	12	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS	5 MIN MAX
1																													
2	.08		.06	.08	.05	.04	.03			.02	.03	.04		.05	.05	.03	.04	.05	.02	.02	.00	.06	.01	.01	.02	.036	21	.16
3	.05	.04	.03	.03	.01	.01	.07	.11	.06	.12				.02	.01	.02	.07	.06	.07	.03	.02			.03	.04	.044	20	.16
4*	.03	.01	.01	.03	.06	.02	.08	.04	.02	.03	.02	.03		.03	.04	.02	.02	.02	.05	.01	.01	.03	.05	.02	.06	.031	24	.18
5*	.03	.04	.03	.01	.07	.11	.02	.01	.02	.04	.03	.04		.04	.07	.03	.01	.04	.04	.07	.08	.06	.08	.03	.01	.040	24	.17
6	.04	.02	.02	.02	.03	.04	.05	.07	.06	.06	.02	.01		.01	.01	.01	.01	.00	.00	.00	.01	.00	.01	.02	.02	.022	24	.14
7	.02	.02	.02	.02	.02	.04	.17	.10	.13	.09	.08	.08		.03	.03	.07	.03	.05	.02	.02	.07	.04	.05	.11	.02	.055	24	.44
8	.02	.49	.07	.02	.02	.04	.07	.05	04		.08	.13		.14	.09	.03	.02	.02	.01	.04	.03	.02	.02	.01	.00	.062	23	.54
9	.04	.03	.04	.05	.13	.08	.07	.02	.01	.01	.01	.01		.01	.01	.01	.01	.00	.00	.00	.00	.01	.02	.05	.11	.030	24	.17
10	.04	.05	.07	.04	.07	.08	.06	.11	.08	.07	.08	.06		.04						.02	.01	.03	.00	.01	.09	.052	19	.18
11*	.09	.00	.04	.12	.03	.03	.05	.02	.01	.05	.08	.08		.05	.05	.08	.08	.05	.09	.04	.06	.05	.02	.01	.06	.051	24	.18
12*	.06	.07	.02	.01	.02	.02	.03	.05	.04	.11	.13	.09		.07	.04	.06	.05	.05	.08	.03	.02	.12	.07	.08	.05	.056	24	.18
13	.01	.00	.00	.02	.03	.03	.02	.02	.02	.03	.05				.03	.01	.03	.08	.02	.01	.01	.01	.05			.024	20	.15
14		.02	.01	.02	.04	.06	.08	.05	.04	.01	.01	.01		.01	.01	.01	.01	.01	.01	.01	.01	.01	.03	.07	.11	.029	23	.14
15	.08	.05	.02	.06	.10	.10	.08	.04	.11	.10	.05	.07		.09	.05	.07	.10	.04	.03	.09	.02	.02	.01	.01	.02	.059	24	.17
16	.01	.02	.03	.02	.03	.02	.03	.02	.01	.01	.01	.01		.01		.01	.00	.01	.01	.01	.01	.02	.02	.05	.04	.018	23	.08
17	.02	.02	.02	.02	.01	.02	.04	.04	.06	.03	.01	.01		.01	.01	.02	.04	.01	.02	.03	.03	.02	.01	.01	.01	.021	24	.08
18*	.01	.01	.02	.05	.14		.07	.09		.12	.04	.08		.03	.05	.01	.00	.01	.01	.01	.01	.01	.05	.13	.12	.046	22	.18
19*	.09	.05	.44	.10	.09	.09	.07	.08	.06						.11	.12	.11	.10	.09	.07	.03	.03	.04	.06	.12	.097	20	.56
20	.16	.11				.64	.14	.09	.04	.05	.06	.04		.06	.09	.10	.10	.09	.08	.03	.09	.04	.07		.06	.108	20	.86
21	.04	.03	.02	.06	.08	.05	.06		.11	.04	.04	.04		.05	.05	.05	.04	.04	.06	.10	.03	.05	.10	.06	.06	.054	23	.38
22	.06	.06	.09	.06	.09	.15					.10	.07		.08	.08	.07	.08	.08	.03	.03	.05	.02	.03	.00	.00	.061	20	.42
23	.00	.00	.05	.02	.01	.04	.08	.09			.06	.07		.05	.04		.03	.05	.03	.03	.02	.04	.03	.03	.03	.037	21	.18
24	.07	.07	.06	.04	.01	.01	.02	.03	.04	.03	.03	.01		.03	.03	.04	.04	.04	.07	.05	.02	.04	.02	.09	.14	.042	24	.18
25*	.08	.09	.03	.02	.01	.05	.04	.10			.08	.06		.03	.04	.04	.04	.04	.04	.05	.02	.01	.06	.12	.02	.048	22	.20
26*	.04	.03	.06	.04		.09	.11	.03	.09	.03	.01	.01		.01	.01	.02	.05	.02	.04	.05	.08	.03	.03	.02	.02	.039	23	.17
27	.02	.02	.02	.02	.03	.04	.04				.09	.09		.05	.06	.02	.02	.01	.02	.01	.01	.02	.05		.04	.033	20	.16
28	.06	.02	.06	.04	.03	.04	.10	.09	.04	.02	.01	.02		.02	.02	.01	.01	.01	.00	.00	.00	.00	.00	.01	.01	.025	24	.16
29	.04	.02	.03	.07	.09	.03	.04	.05	.08	.04		.02		.02	.02	.03	.02	.03	.04	.01	.02	.04	.15	.10	.02	.044	23	.17
30	.02	.03	.01	.02	.02	.08	.08	.04	.02	.02	.02	.02		.02	.02	.02	.02	.02	.01	.01	.01	.02	.05	.10	.05	.030	24	.17
MEAN	.05	.05	.05	.04	.05	.07	.06	.06	.05	.05	.05	.04		.04	.04	.04	.04	.04	.03	.03	.03	.03	.04	.05	.05	.044		
NO.	28	28	28	28	27	28	28	29	23	23	26	26		27	27	27	28	28	28	29	29	28	28	26	28		651	
MAX	.16	.49	.44	.12	.14	.64	.17	.11	.13	.12	.13	.13		.14	.11	.12	.11	.10	.09	.10	.09	.12	.15	.13	.14	.108		.86

* Indicates Saturday or Sunday
Local standard time used

THU., MAY 4, 1967

[redacted]

HOURLY AVERAGES OF
GASEOUS POLLUTANT CONCENTRATIONS

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

ST. LOUIS, MO.

CONCENTRATION IN PPM

CONDUCTOMETRIC ANALYSIS

SULFUR DIOXIDE
JULY 1966

DAY OF MONTH	AM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	PM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN MAX
1	.04		.13		.11	.08	.10	.12	.11	.08	.03	.02	.02	.06	.04	.03	.04	.08	.09	.09	.07	.12	.12	.08	.075	22	.17
2*	.06	.05	.09	.07		.07	.05	.05	.11	.12	.06	.03	.05	.03	.02	.03	.03	.01	.02	.01	.01	.01	.01	.02	.043	23	.16
3*		.04	.04	.03	.03		.11	.08	.08	.08	.08	.05	.04	.04	.02	.01	.01	.01	.02	.01	.05	.02	.02	.09	.042	22	.14
4	.04	.01	.01	.00	.01	.02	.01	.02	.02	.01	.03	.09	.10	.05	.04	.03	.03	.01	.03	.07	.07	.05	.05	.04	.035	24	.13
5	.07	.04	.05	.02	.03	.03	.03	.03	.04	.03	.02	.02	.02	.02	.02	.03	.04	.03	.05	.07	.12	.05	.03	.02	.037	24	.18
6			.11	.14		.05	.07	.07	.03	.02	.01	.01	.01	.01	.01	.01	.02	.01	.01	.01	.03	.03	.03	.06	.035	21	.38
7	.12	.11	.10	.09	.09			.14	.05	.01	.01	.02	.09	.13	.12	.05	.02	.01	.02	.03	.05	.05	.03	.07	.064	22	.17
8	.10	.10	.09	.07		.12	.84	.22	.10	.11	.08	.08	.08			.12	.08	.07	.03	.03	.04	.03	.07	.03	.117	21	.95
9*	.04	.02	.02	.01	.05	.03	.06	.05	.02	.01	.02	.01	.01	.01	.01	.01	.01	.02	.00	.01	.01	.02	.03	.10	.023	24	.16
10*	.10	.03	.06	.08	.08	.07	.02	.02	.02	.02	.02	.01	.01	.01	.01	.01	.02	.10		.49		.13	.12	.13	.070	22	.56
11	.08	.14	.08	.11	.07	.08	.10	.11		.08	.03	.02	.02	.02	.02	.02	.04	.04	.03	.08	.08	.07	.07	.11	.065	23	.18
12	.11	.11		.08	.05	.06	.04	.03	.02	.02	.02	.02								.02	.06	.04	.04	.00	.045	16	.15
13	.00	.00	.00	.00	.00	.01	.00	.01	.01	.00	.00	.00	.01	.01	.01	.02	.04	.04	.03	.06	.04	.06	.13	.10	.024	24	.18
14	.07	.06	.08	.05	.03	.03	.03	.02	.03	.02	.01	.01	.01	.01											.032	14	.17
15																											
16*																											
17*																											
18																											
19																											
20																											
21	.07	.12	.14	.07	.06	.06	.04	.01	.02	.02	.01	.03	.03	.02	.01	.02	.02	.01	.01	.02	.09	.10	.05	.01	.043	24	.17
22	.02	.02	.02	.03	.05	.05	.05			.13	.07	.05	.04	.06	.08	.07	.05	.04	.02	.04	.01			.10	.049	20	.18
23*	.03	.08		.14	.10	.09	.06	.05	.05	.09	.09	.07	.09	.06	.07	.05	.05	.02	.00	.00	.00	.00	.06	.02	.056	23	.18
24*	.09	.13	.06	.04	.02	.03	.03	.04		.06	.02	.01	.00	.00	.00	.00	.00	.00	.00	.00	.01	.01	.06	.11	.031	23	.17
25	.05	.07	.02	.02	.05	.03	.06	.03	.06	.02	.03	.06	.02	.08	.04	.03	.02	.02	.00	.00	.07	.09	.08	.06	.042	24	.17
26	.02	.09	.14	.11	.05	.03	.05	.08	.10	.07	.04		.07	.08	.06	.03	.02	.01	.00	.07	.15				.063	20	.17
27																											
28	.00	.00	.00	.00	.00	.01	.01	.01	.01	.03	.04	.05	.01	.00	.01	.00	.01	.00	.00	.00	.00	.00	.00	.00	.008	24	.06
29	.00	.00	.05	.05	.03	.01	.01	.03		.11	.04	.00	.00	.01	.00	.01	.01	.08	.07	.04	.03	.07	.11	.03	.033	23	.18
30*	.02	.03	.05	.04	.06	.08	.05	.03	.05	.06	.04	.02	.03	.02	.02	.02	.01	.05	.04	.05	.05	.06	.01	.01	.037	24	.18
31*	.04	.07	.05	.05	.14	.07	.04	.19		.08	.03	.04	.04	.04	.04	.04	.03	.03	.00	.00	.02	.02	.02	.04	.049	23	.55
MEAN	.05	.06	.06	.06	.05	.05	.08	.06	.05	.05	.03	.03	.03	.03	.03	.03	.03	.03	.02	.05	.05	.05	.05	.06	.046		
NO	22	22	22	23	21	22	23	23	19	24	24	23	23	22	21	22	22	22	21	23	22	21	21	22		530	
MAX	.12	.14	.14	.14	.14	.12	.84	.22	.11	.13	.09	.09	.10	.13	.12	.12	.08	.10	.09	.49	.15	.13	.13	.13	.117		.95

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., MAY 10, 1967

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONCENTRATION IN PPM
CONDUCTOMETRIC ANALYSIS

ST. LOUIS, MO.

SULFUR DIOXIDE
AUG. 1966

DAY OF MONTH	AM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	PM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS.	DAILY MAX.
1																											
2																											
3																											
4																											
5	.07	.09	.11	.10	.09	.11	.05	.05				.13	.13	.11	.11	.09	.05	.03	.07	.03	.00	.05	.06	.09	.077	21	.18
6*	.09	.06	.10	.05	.03	.04	.04	.05	.12		.12	.05	.04	.06	.06										.065	14	.18
7*																											
8																											
9																											
10																											
11																											
12																											
13*																											
14*																											
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17																											
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24																											
25																											
26																											
27*																											
28*																											
29																											
30																											
31																											
MEAN	2	2	2	2	2	2	2	2	1		1	2	2	2	2	1	1	1	1	1	1	1	1	1		35	
NO.	.09	.09	.11	.10	.09	.11	.05	.05	.12		.12	.13	.13	.11	.11	.09	.05	.03	.07	.03	.00	.05	.06	.09	.077		.18
MAX																											

* Indicates Saturday or Sunday
Local standard time used

TABULATED BY

WED., MAR. 22, 1967

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CONTINUOUS AIR MONITORING PROGRAM

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

ST. LOUIS, MO.

CONCENTRATION IN PPM
CONDUCTOMETRIC ANALYSIS

SULFUR DIOXIDE
SEPT. 1966

DAY OF MONTH	AM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	PM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5 MIN MAX
1																											
2																											
3*																											
4*																											
5																											
6																											
7																											
8																											
9																											
10*																											
11*																											
12																											
13																											
14																											
15																											
16																											
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19																											
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22																											
23																											
24*																											
25*																											
26																											
27																											
28																											
29																											
30																											
MEAN																									.000		.00
NO																											
MAX																											

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., MAR. 22, 1967

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Environmental and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONCENTRATION IN PPM

CONDUCTOMETRIC ANALYSIS

ST. LOUIS, MO.

SULFUR DIOXIDE
OCT. 1966

DAY OF MONTH	AM 12-1	AM 1-2	AM 2-3	AM 3-4	AM 4-5	AM 5-6	AM 6-7	AM 7-8	AM 8-9	AM 9-10	AM 10-11	AM 11-12	PM 12-1	PM 1-2	PM 2-3	PM 3-4	PM 4-5	PM 5-6	PM 6-7	PM 7-8	PM 8-9	PM 9-10	PM 10-11	PM 11-12	DAILY MEAN	NO. OF HRS	5 MIN MAX
1*																											
2*																											
3																											
4																											
5		.00	.00	.00	.00	.00	.01	.01	.00	.00									.00	.00	.00	.00	.00	.00	.001	15	.02
6	.01	.03	.01	.02	.02	.02	.02	.04					.08	.06	.06	.05	.06	.05	.03	.02	.01	.06	.05	.02	.036	20	.13
7	.04	.02	.04	.05	.05	.08	.04	.11				.15	.07	.03	.03	.04	.01	.00	.02		.02	.01	.07	.05	.045	20	.18
8*	.04	.02	.01	.05	.09	.03	.02	.01	.04	.07	.10	.16	.12	.06	.05	.03	.02	.09	.11	.10	.08	.11	.05	.02	.061	24	.18
9*	.02	.03	.06	.03	.04	.02	.04	.08	.06	.19	.02	.04	.08	.09	.08	.06	.01	.01	.00	.00	.00	.00	.00	.00	.039	24	.41
10	.00	.00	.00	.00	.00	.01	.02	.04	.05	.01	.00	.00	.00	.00	.00	.00	.01	.01	.01	.01	.01	.02	.01	.00	.009	24	.08
11	.00	.00	.00	.00	.01	.02	.03	.05	.09	.06	.01	.01	.00	.00	.00	.01	.04	.03	.02	.01	.01	.01	.01	.02	.017	24	.13
12	.04	.06	.09		.07	.09	.07	.04	.03	.03	.05	.06	.05	.05	.05	.09	.09		.04	.10	.06	.01	.01	.04	.055	22	.17
13																											
14	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.01	.03	.03	.05	.02	.01	.00	.11	.01	.00	.02	.00	.00	.012	24	.17
15*	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.000	24	.01
16*	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.000	24	.00
17	.00	.00	.00	.00	.01	.03	.07		.07	.12		.17	.07	.02	.01	.00	.00	.00	.01	.01	.01	.02	.00	.00	.027	22	.24
18	.00	.00	.01	.01	.00	.00	.00	.00	.00	.00					.02	.04	.01	.00	.00	.00	.00	.00	.00	.00	.005	20	.05
19	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.01	.00	.01	.01	.002	24	.02
20	.00	.00	.02	.01	.02	.03	.07	.10	.12	.03							.05	.06	.05	.07	.02	.00	.02	.01	.037	18	.20
21	.01	.03	.01	.00	.00	.00	.00	.01	.07	.01	.00	.03	.08	.07	.07	.08	.05	.02	.01	.08	.14	.01	.03	.01	.033	24	.18
22*	.00	.02	.03	.05	.10	.14	.05	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.017	24	.20
23*	.00	.00	.01	.01	.02	.03	.04	.03	.06	.18	.19	.07	.07	.03	.01	.01	.00	.00	.02	.03	.08	.02	.03	.02	.039	24	.41
24	.02										.02	.01	.00	.00	.00	.00	.00	.04	.09	.10	.11	.03	.08	.26	.050	15	.32
25	.16	.13	.15	.18	.17		.22		.59	.56	.14	.06	.04						.01	.02	.04	.09	.04	.05	.155	17	.82
26	.02	.04	.05	.11	.06	.06	.27	.58	.35			.17	.12	.04	.08	.05	.06	.03	.05	.07	.04	.08	.02	.01	.106	22	.96
27	.01	.03	.01	.00	.01	.02	.03	.10	.07	.13	.15								.02	.06	.03	.03	.02	.01	.043	17	.18
28	.05	.12	.09	.14	.10	.13	.10	.09	.12	.08	.02	.01	.01	.01	.00	.00	.01	.01	.02	.02	.01	.00	.00	.00	.047	24	.18
29*	.01	.00	.00	.00	.00	.00	.00	.01	.05	.06	.10	.12	.04	.04	.04	.02	.02	.01	.00	.05	.09		.05	.06	.033	23	.20
30*	.07	.13	.04	.08	.11	.07	.07	.04		.07	.03	.01	.03	.02	.02	.01	.01	.01	.01	.00	.02	.03	.03		.040	22	.22
31		.09	.05	.10	.05	.03	.06	.07	.07	.03	.02	.01	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.026	23	.14
MEAN	.02	.03	.03	.03	.04	.03	.05	.06	.08	.07	.04	.05	.04	.03	.03	.02	.02	.02	.02	.03	.03	.02	.02	.02	.035		
NO.	24	25	25	24	25	24	25	23	22	22	19	21	22	21	22	22	23	22	26	25	26	25	26	25		564	
MAX	.16	.13	.15	.18	.17	.14	.27	.58	.59	.56	.19	.17	.12	.09	.08	.09	.09	.09	.11	.10	.14	.11	.08	.26	.155		.96

* Indicates [illegible]
Local standard time used

WED., MAY 10, 1967

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

ST. LOUIS, MO.

CONCENTRATION IN PPM

CONDUCTOMETRIC ANALYSIS

SULFUR DIOXIDE
NOV. 1966

DAY OF MONTH	AM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	PM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS.	5 MIN. MAX.
1	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00								.00	.00	.00	.00	.00	.000	16	.00
2	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.01	.01	.01	.01	.01	.01	.01	.01	.004	24	.02
3	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01								.01	.01	.01	.01	.010	17	.01
4	.01	.01	.04	.01	.00	.01	.01	.05	.01	.01	.00						.00	.00	.01	.01	.01	.01	.01	.00	.011	19	.15
5*	.01	.02	.03	.01	.02	.07	.02	.05	.15	.07	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.024	24	.28
6*	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.06	.01	.01	.00	.01	.01	.02	.01	.01	.012	24	.18
7	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.02	.01	.01	.01	.01	.01	.01	.01	.01	.01	.02	.02	.04	.01	.012	24	.08
8	.01	.01	.01	.01	.04	.02	.02	.01	.02	.01										.02	.01	.05	.09	.09	.027	15	.14
9	.10	.07	.12	.02	.01	.01	.01	.01	.01	.01	.05	.02	.04	.07	.04	.03	.04	.03	.02	.02	.02	.01	.01	.00	.032	24	.17
10	.00	.00	.00	.00	.00	.00	.01	.01	.01	.01	.01						.01	.01	.01	.02	.04	.10	.04	.03	.017	19	.17
11	.02	.02	.07	.05	.02	.03	.02	.04	.07	.10	.06	.06	.06	.06	.04	.03	.03	.03	.03	.04	.05	.03	.04	.04	.042	24	.17
12*	.05	.07	.03	.01	.01	.01	.01	.01	.01	.05	.08	.12	.10	.06	.13	.06	.02	.02	.06	.14	.06	.04	.03	.06	.051	24	.32
13*	.06	.03	.07	.06	.07	.07	.04	.04	.06							.11	.08	.07	.11	.11	.14			.07	.073	16	.16
14	.10	.08	.05	.03	.04	.05	.06	.07	.09	.10	.10					.13	.08	.05	.10	.12	.10	.11	.05	.08	.078	20	.17
15	.09	.12	.13	.09	.06	.05	.06	.09	.08	.07	.11								.06	.03	.04	.01	.01	.01	.065	17	.17
16	.01	.02	.02	.01	.04	.09	.09	.08	.15	.15		.04	.04	.10	.04	.06	.04	.03	.05	.03	.05	.00	.00	.11	.054	23	.18
17	.08	.12	.11	.04	.02	.10	.10	.10	.06	.13									.03	.04	.01	.07	.10	.00	.069	16	.17
18	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.000	24	.03
19*	.03	.02	.02	.03	.02	.01	.01	.02	.01	.01	.06	.13	.09	.04	.05	.01	.00	.00	.03	.03	.02	.04	.03	.04	.031	24	.28
20*	.04	.02	.00	.00	.01	.00	.02	.01	.01	.01		.04	.03	.03	.04	.05	.04	.04	.00	.03	.03	.02	.01	.01	.020	23	.11
21	.12	.05	.01	.01	.00	.01	.03	.08	.09	.27	.09	.03	.07	.02	.04	.03	.06	.04	.00	.02	.02	.02	.06	.01	.048	24	.44
22	.00	.00	.02	.03	.07	.05	.00	.00	.00	.02	.00							.05	.01	.00	.00	.00	.00	.00	.014	18	.10
23	.00	.00	.00	.00	.00	.00	.00	.07	.07	.02	.02	.03	.00	.00	.00	.00	.00	.00	.01	.00	.00	.00	.00	.01	.009	24	.12
24	.00	.04	.03	.06	.01	.00	.00	.00	.04	.06	.08	.03	.03	.01	.00	.00	.00	.00	.00	.00	.00	.02	.03	.04	.020	24	.10
25	.02	.02	.02	.02	.01	.00	.00	.00	.00	.00	.00								.01	.00	.01	.02	.00	.00	.008	17	.06
26*	.01	.01	.00	.00	.03	.00	.00	.00	.00	.00	.00	.00	.01	.01		.00	.00	.00	.00	.00	.00	.00	.00	.00	.003	23	.09
27*	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.000	24	.00
28	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.000	24	.04
29	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00							.00	.00	.00	.00	.00	.00	.00	.000	18	.00
30	.00	.00	.00	.00	.00	.00	.00	.01	.00	.00	.00	.00	.00	.00	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.001	24	.02
MEAN	.03	.03	.03	.02	.02	.02	.02	.03	.03	.04	.03	.03	.03	.02	.02	.03	.02	.02	.02	.02	.02	.02	.02	.02	.024		
NO.	30	29	30	30	30	30	30	30	30	29	25	20	19	18	17	20	22	24	27	29	30	29	29	30		637	
MAX	.12	.12	.13	.09	.07	.10	.10	.10	.15	.27	.11	.13	.10	.10	.13	.13	.08	.07	.11	.14	.14	.11	.10	.11	.078		.44

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., MAY 10, 1967

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

ST. LOUIS, MO.

CONCENTRATION IN PPM

CONDUCTOMETRIC ANALYSIS

SULFUR DIOXIDE
DEC. 1966

DAY OF MONTH	AM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	PM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF OBS.	DAILY MAX
1	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.000	23	.00
2	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.000	24	.00
3*	.01	.11	.07	.05	.00	.39	.27	.02	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.039	24	.56
4*	.00	.07	.04	.06	.06	.04	.10	.02	.01	.00	.00	.00	.00	.00	.00	.01	.00	.00	.05	.00	.00	.00	.00	.02	.020	24	.21
5	.04	.01	.00	.00	.03	.03	.05	.02	.02	.02	.01	.00	.00	.00	.00	.00	.00	.01	.00	.00	.00	.00	.00	.00	.009	24	.11
6	.00	.00	.00	.00	.01	.03	.00	.06	.05	.02	.00							.01	.01	.01	.05	.04	.02	.01	.017	18	.09
7	.01	.01	.00	.00	.03	.00	.01	.00	.00	.00	.02	.03	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.006	24	.07
8	.00	.00	.00	.00	.00	.00	.00			.00						.01	.00	.01	.00	.00	.00	.00	.00	.00	.001	17	.03
9	.00	.00	.00	.00	.00	.00	.00	.01	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.00	.00	.00	.00	.001	24	.03
10*	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.000	24	.00
11*	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.01	.001	24	.03
12																											
13																											
14																											
15	.03	.04	.04	.05	.09	.10	.08	.14	.13	.20	.25	.25	.09	.13	.06	.04	.05	.04	.05	.14	.14	.10	.09	.09	.101	24	.34
16																											
17*						.14	.12	.13	.09	.10		.03	.04	.03	.03	.03	.03	.05	.05	.04	.05	.06	.05	.05	.062	18	.15
18*	.06	.05	.05	.05	.04	.04	.05	.06	.08	.08	.08	.06	.04	.03	.03	.03	.06	.04	.08	.16	.12	.09	.14	.09	.067	24	.17
19	.06	.05	.04	.05	.06	.11	.06	.06	.11	.13	.14	.08	.05	.04	.05	.04	.04	.05	.04	.03	.03	.04	.03	.03	.060	24	.17
20	.03	.02	.03	.02	.03	.04	.05	.06	.05	.04	.03	.04	.05	.04	.06	.09	.09	.14	.12	.10	.07	.09	.11	.07	.062	24	.17
21																											
22																											
23	.03	.02	.03	.03	.01	.02	.07	.07	.07	.02	.00	.00					.00	.00	.00	.00	.00	.00	.00	.00	.019	20	.10
24*	.00	.00	.00	.00	.00	.00	.01	.01	.04	.03	.00	.00	.00	.00		.00	.00	.00	.01	.01	.00	.00			.005	21	.05
25*																											
26																											
27									.04	.03	.02	.01	.01	.02	.02	.02	.02	.03	.02	.03	.02	.01	.01	.01	.019	16	.04
28	.02	.02	.03	.03	.03	.02	.04	.04	.01	.01	.01	.01	.01	.01	.01	.01	.02	.01	.01	.01	.00	.01	.01	.01	.015	24	.06
29																											
30																											
31*	.00	.00	.01	.00	.02	.00	.00	.00	.00	.00	.00	.00	.01	.03	.00	.00	.00	.01	.01	.00	.00	.01	.00	.00	.003	24	.06
MEAN	.02	.02	.02	.02	.02	.05	.05	.04	.04	.03	.03	.03	.02	.02	.01	.01	.02	.02	.02	.02	.02	.02	.02	.02	.024		
NO. OF OBS.	19	18	19	19	19	20	20	19	20	21	19	19	18	18	17	19	20	21	21	21	21	21	20	20		469	
MAX.	.06	.11	.07	.06	.09	.39	.27	.14	.13	.20	.25	.25	.09	.13	.06	.09	.09	.14	.12	.16	.14	.10	.14	.09	.101		.56

* Indicates midnight to 5 a.m.
Local standard time used

WED., MAY 10, 1967

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONCENTRATION IN PPM

FLAME IONIZATION ANALYSIS

ST. LOUIS, MO.

TOTAL HYDROCARBON
JAN. 1966

DAY OF MONTH	AM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	PM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS	5 MIN MAX
1*	2.5	2.5	2.5	2.5	2.6	2.6	2.6	2.6	2.7	2.6	2.6	2.5	2.3	2.3	2.3	2.4	2.3	2.1	2.1	2.1	2.1	2.1	2.1	2.2	2.38	24	2.7
2*	2.2	2.2	2.2	2.2	2.3	2.3	2.4	2.8	3.1	3.5	3.7	4.2	4.0	3.8	3.8	4.1	4.1	4.3	4.1	3.8	3.6	3.5	3.5	3.4	3.28	24	4.4
3	3.3	3.2	3.3	3.4	3.4	3.4	3.5	3.9	4.3	4.6	4.5	3.4	3.4	3.4	3.6	4.0	4.1	4.7	4.7	4.6	4.4	4.2	4.2	4.2	3.89	24	4.8
4	4.3	4.4	4.3	4.3	4.2	4.5	4.6	5.1	5.5	6.0	6.2	6.2	4.8	4.3	3.5	3.4	3.4	3.5	3.4	3.3	3.3	3.2	3.1	3.1	4.24	24	6.4
5																											
6	3.0	2.8	2.7	2.7	2.6	2.5	2.5	2.5	2.5	2.5	2.7	2.7	2.6	2.7	2.7		2.7	2.8	2.7	2.6	2.7	2.8	2.8	2.7	2.66	23	3.1
7	2.7	2.6	2.6	2.7	2.7	2.6	2.6	2.5	2.6	2.6	2.7	2.6	2.5	2.4	2.4	2.4	2.3	2.3	2.3	2.3	2.3	2.2	2.2	2.3	2.47	24	2.7
8*	2.3	2.3	2.2	2.2	2.2	2.2	2.2	2.2	2.3	2.5	2.6	2.7	2.6	2.5	2.4	2.4	2.4	2.4	2.4	2.3	2.3	2.3	2.3	2.3	2.35	24	2.7
9*	2.3	2.3	2.3	2.3	2.3	2.2	2.2	2.2	2.2	2.1	2.2	2.2	2.2	2.2	2.2	2.2	2.3	2.3	2.2	2.2	2.1	2.1	2.2	2.3	2.20	24	2.3
10	2.4	2.5	2.5	2.6	2.5	2.5	2.4	2.4	2.5	2.6	2.6	2.7	2.7	2.6	2.5	2.5	2.5	2.6	2.5	2.5	2.5	2.6	2.7	2.7	2.54	24	2.7
11	2.6	2.5	2.4	2.3	2.3	2.3	2.3	2.5	2.8	2.9	3.0	2.9	2.8	2.6	2.6	2.6	2.7	3.0	2.8	2.7	2.5	2.4	2.3	2.3	2.57	24	3.0
12	2.3	2.3	2.3	2.2	2.2	2.3	2.4	2.4	2.5	2.6	2.5	2.5	2.6	5.2	5.3	4.5	3.9	3.6	3.2	2.9	2.7	2.4	2.3	2.2	2.88	24	5.6
13	2.2	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.2	2.2	2.3	2.4	2.4	2.4		2.5	2.5	2.6	2.6	2.6	2.6	2.6	2.9	3.3	2.39	23	3.3
14	3.4	3.3	3.2	3.1	3.0	2.9	2.8	3.0	3.3	3.5	3.7	3.8	3.5	3.3	3.4	3.8	4.1	4.5	4.5	4.2	4.5	4.0	3.9	3.9	3.59	24	4.8
15*	3.7	3.7	3.6	3.5	3.6	3.5	3.5	3.6	3.6	3.5	3.7	3.7	3.4	3.3	3.1	3.1	3.0	3.0	2.9	2.8	2.8	2.7	2.7	2.7	3.26	24	4.1
16*	2.7	2.7	2.7	2.6	2.6	2.5	2.5	2.6	2.6	2.6	2.6	2.6	2.7	2.7	2.8	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.65	24	2.8
17	2.7	2.7	2.7	2.6	2.6	2.6	2.6	2.7	2.8	2.9	3.0	3.1	3.0	3.0	3.0	3.0	3.0	2.9	2.9	2.8	2.8	2.7	2.8	2.8	2.81	24	3.1
18	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.9	3.0	3.1	3.1	3.0	3.0	3.0	2.9	2.9	2.9	2.9	2.8	2.8	2.7	2.8	2.7	2.86	24	3.2
19	2.7	2.6	2.6	2.6	2.6	2.7	2.7	2.9	3.2	3.3	3.2	3.1	3.1	3.0	3.0	3.0	2.9	3.0	3.0	3.0	2.9	2.9	2.9	2.9	2.90	24	3.3
20	2.9	2.9	2.9	2.9	2.9	2.8							3.3	3.2	3.0	3.1	3.0	2.9	2.8	2.8	2.7	2.6	2.91	16	3.4
21	2.5	2.5	2.4	2.4	2.4	2.3	2.3	2.5	2.6	2.7	2.8	2.8	2.8	2.8	2.9	2.9	3.0	3.2	2.9	2.8	2.7	2.6	2.5	2.5	2.65	24	3.9
22*	2.4	2.4	2.4	2.3	2.3	2.3	2.3	2.4	2.4	2.4	2.5	2.5	2.4	2.4	2.5	2.5	2.5	2.4	2.3	2.3	2.3	2.3	2.2	2.2	2.37	24	2.6
23*	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.3	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.3	2.3	2.3	2.3	2.3	4.4	2.4	2.4	2.31	24	2.5
24	2.4	2.3	2.3	2.3	2.2	2.2	2.2	2.3	2.4	2.5	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	4.5	2.5	2.5	2.5	2.5	2.45	24	2.7
25	2.5	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.5	2.6	2.6	2.7	2.6	2.6	2.6	2.7	2.7	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.60	24	2.9
26	2.8	2.8	2.8	2.8	2.9	2.8	2.8	2.9	3.1	3.1	3.1	3.0	2.9	2.9	2.8	2.8	2.8	2.8	2.8	2.9	2.9	3.1	3.3	3.3	2.91	24	3.4
27	3.3	3.4	3.4	3.4	3.5	3.4	3.3	3.2	3.1	2.9	2.9		3.1	2.8	2.8	2.8	2.7	2.8	2.7	2.5	2.5	4.4	2.4	2.4	2.93	23	3.5
28	2.4	2.4	2.4	2.3	2.3	2.3	2.4	2.4	2.5	2.6	2.7	2.7	2.7	2.7	2.7	2.7	2.6	2.6	2.6	4.5	2.5	4.5	2.4	2.4	2.51	24	2.8
29*	2.4	2.4	2.4	2.3	2.3	2.3	2.3	2.3	2.4	2.4	2.5	2.5	2.5	2.4	2.4	2.3	2.2	2.2	2.2	2.3	2.3	2.3	2.3	2.4	2.34	24	2.5
30*	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.4	2.4	2.4	2.4	2.4	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.4	2.5	2.5	2.7	2.35	24	2.9
31	3.1	3.3	3.4	3.4	3.5	3.5	3.5	3.5	3.6	3.6	3.6	3.5	3.4	3.4	3.5	3.3	3.1	3.2	3.0	2.8	2.7	2.7	2.8	2.9	3.25	24	3.6
MEAN	2.7	2.7	2.7	2.7	2.6	2.6	2.6	2.7	2.9	2.9	3.0	3.0	2.9	2.9	2.9	2.9	2.9	2.9	2.8	2.8	2.7	2.7	2.7	2.7	2.78		
NO.	30	30	30	30	30	30	29	29	29	29	29	28	29	29	29	29	30	30	30	30	30	30	30	30		709	
MAX	4.3	4.4	4.3	4.3	4.2	4.5	4.6	5.1	5.5	6.0	6.2	6.2	4.8	5.2	5.3	4.5	4.1	4.7	4.7	4.6	4.5	4.2	4.2	4.2	4.24		6.4

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., MAR. 22, 1967

CONTINUOUS AIR MONITORING PROGRAM

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

ST. LOUIS, MO.

TOTAL HYDROCARBON
FEB. 1966

FLAME IONIZATION ANALYSIS

1	2.9	3.0	2.9	2.8	2.7	2.5	2.6	2.6	2.6	2.7	2.6	2.7	3.1	3.5	3.8	3.7	3.5	3.4	3.6	3.5	3.4	3.3	3.2	3.2	3.07	24	3.9	
2	3.3	3.3	3.2	3.2	3.2	3.2	3.3	3.4	3.4	3.4	3.5	3.6	3.6	3.6	3.6	3.4	3.2	3.2	3.1	3.1	3.1	3.1	3.1	3.2	3.29	24	3.7	
3	3.1	3.0	2.9	2.9	2.8	2.8	2.9	2.9	3.1	3.2	3.3	3.5	3.8	3.9	3.7	3.4	3.3	3.2	3.0	2.9	2.7	2.6	2.5	2.5	3.06	24	4.0	
4	2.5	2.6	2.6	2.8	2.8	2.8	3.1	3.2	3.2	3.4	3.6	4.0	4.2	4.5	5.4	5.4	4.9	4.4	4.2	3.9	4.0	4.3	4.6	4.9	3.78	24	5.6	
5*	5.2	5.2	5.3	5.3	5.1	4.9	4.8	4.8	5.0	5.3	5.3	5.1	4.8	4.3	3.9			3.2	2.8	2.6	2.5	2.6	2.5	2.7	4.22	22	5.3	
6*	2.8	2.9	3.2	3.5	3.5	3.4	3.3	3.2	3.3	3.5	3.7	3.8	3.8	3.8	4.3	4.4	4.2	4.0	3.8	3.6	3.4	3.3	3.6	3.7	3.56	24	4.5	
7	3.9	3.9	4.1	4.4	4.5	4.7	4.8	5.2	5.6			5.5	5.3	4.6	4.4	4.3	4.1	4.2	3.9	3.6	3.4	3.3	3.3	3.1	4.27	22	5.7	
8	3.1	3.0	2.9	2.8	2.7	2.7	2.7	3.0	3.4	3.4	3.3	3.1	3.2	3.0	3.0	2.9	3.0	3.3	3.1	2.9	2.8	2.7	2.5	2.5	2.94	24	3.5	
9	2.4	2.4	2.5	2.7	2.7	2.9	3.1	3.4	3.7	3.6	3.4	3.2	3.0	3.2	3.2	3.3	3.4	3.7	3.5	3.6	4.1	4.5	4.3	3.9	3.30	24	4.5	
10	3.9	3.7	4.1	4.7	5.4	6.2	7.1	8.1	8.6	8.5	8.2	3.9	3.3	2.9	3.0	3.1	3.5	3.5	3.0	2.8	2.8	3.2	3.1	3.1	4.55	24	8.7	
11	3.2	3.6	3.7	3.7	3.6	3.5	3.5	3.6	3.6	3.5	3.4	3.3	2.7	2.4			3.3	3.1	3.0	3.1	3.3	3.5	3.7	4.2	3.37	22	4.4	
12*	4.4	4.7	4.8	4.9	5.0	5.0	5.2	5.3	5.4	5.4	5.7	5.6	5.4	5.2	3.3	3.5	3.5	3.7	4.0	4.1	4.1	4.1	4.2	4.6	4.62	24	5.8	
13*	5.0	5.3	5.3	5.5	5.5	5.4	5.5	5.5	5.5	5.4	5.1	4.8	4.8	4.6	4.3	3.2	2.8	2.8	2.8	3.8	2.8	2.9	2.8	2.8	4.28	24	5.6	
14	2.8	2.7	2.7	2.8	2.8	2.8	2.9	3.1	3.2	3.2	3.3	3.3	3.4	3.4	3.4	3.4	3.7	3.9	4.3	4.7	5.2	5.6	5.9	6.2	3.69	24	6.4	
15	6.6	6.8	7.0	7.1	7.2	7.3	7.3	7.7	8.4	8.4	7.7	7.0	6.4	5.8	5.3	5.6	5.7	5.7	5.5	5.4	5.5	5.4	5.5	5.7	6.49	24	8.6	
16	5.8	6.2	6.4	6.6	6.7	6.8	6.6	6.4	6.1	5.2	4.4	3.8	3.3	3.5	3.7	3.1	2.8	2.8	2.8	2.8	2.8	2.9	3.0	3.2	4.47	24	7.3	
17	3.1	3.1	3.2	3.1	3.0	3.1	3.0	3.3	3.9	4.1	4.0	3.7	3.5	3.1		2.7	2.8	3.3	3.8	4.6	4.7	4.5	4.2	4.0	3.53	23	4.7	
18	3.7	3.6	3.5	3.3	3.2	3.1	3.1	3.2	3.4	3.4	3.7	3.8	3.1	2.8	2.7	2.8	3.0	3.2	3.9	4.7	5.3	5.1	4.6	4.4	3.60	24	5.4	
19*	4.2	4.1	3.8	3.7	3.5	3.4	3.3	3.2	3.2	3.1	3.1	3.1	3.1	3.1	3.0	3.0	3.0	2.9	2.9	2.9	2.8	2.9	2.8	2.7	3.19	24	4.3	
20*	2.7	2.7	2.6	2.6	2.4	2.5	2.5	2.5	2.5	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.58	24	2.7	
21	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.6	2.7	2.8	2.8	2.9	2.9	2.9	2.9	2.9	2.9	3.0	3.0	3.0	3.0	3.0	3.0	3.1	2.78	24	3.1	
22	3.0	3.0	3.1	3.1	3.1	3.2	3.2	3.4	3.5	3.5	3.4	3.4	3.3	3.0	2.7	2.7	2.7	2.8	2.9	2.9	2.8	2.7	2.7	2.7	3.02	24	3.5	
23	2.7	2.7	2.6	2.6	2.5	2.5	2.5	2.6	2.6	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.8	2.9	2.9	2.8	2.7	2.7	2.7	2.68	24	3.0	
24	2.8	2.9	2.9	2.8	2.8	2.8	2.8	2.9	2.9	3.0	3.1	3.0	2.7	2.5	2.5	2.4			2.9	3.1	3.3	3.4	3.4	3.7	2.93	22	3.8	
25	3.8	3.8	3.8	3.8	3.7	3.6	3.4	3.3	3.1	2.9	2.8	2.5	2.3	2.3	2.2	2.2	2.2	2.2	2.3	2.4	2.5	2.7	2.9	3.0	2.89	24	3.8	
26*	2.9	2.8	2.7	2.6	2.5	2.5	2.5	2.6	2.6	2.6	2.5	2.5	2.4	2.3	2.4	2.5	2.5	2.4	2.4	2.4	2.4	2.4	2.5	2.7	2.52	24	3.0	
27*	2.8	2.8	2.7	2.7	2.7	2.8	2.8	2.8	2.8	2.7	2.8	2.7	2.9	3.3	3.7	4.1	3.8	3.6	3.4	3.1	3.0	2.9	2.8	2.7	3.02	24	4.2	
28	2.6	2.5	2.5	2.4	2.3	2.3	2.7	2.7	2.8	2.8	2.9	3.0	2.9	2.7	2.7	2.7	2.7	2.6	2.6	2.5	2.5	2.5	2.4	2.5	2.63	24	3.0	
	3.5	3.5	3.5	3.4	3.6	3.6	3.7	3.8	3.9	3.9	3.8	3.6	3.5	3.4	3.4	3.3	3.3	3.3	3.3	3.3	3.3	3.4	3.4	3.4	3.51			
	28	28	28	28	28	28	28	28	28	27	27	28	28	28	26	26	26	27	28	28	28	28	28	28		663		
	6.6	6.8	7.0	7.1	7.2	7.3	7.3	8.1	8.6	8.5	8.2	7.0	6.4	5.8	5.4	5.6	5.7	5.7	5.5	5.4	5.5	5.6	5.9	6.2	6.49		8.7	

WED., MAR. 22, 1967

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CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

FLAME IONIZATION ANALYSIS

ST. LOUIS, MO.

TOTAL HYDROCARBON
MARCH 1966

DAY OF MONTH	AM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	PM 12-1	12-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS.	5 MIN MAX.
1	2.5	2.6	2.5	2.5	2.4	2.4	2.4	2.6	2.5	2.6	2.6	2.6	2.4	2.4	2.4	2.4	2.4	2.9	3.0	3.2	3.1	2.9	2.8	2.8	2.60	24	3.3
2	2.7	2.7	2.7	2.7	2.5	2.4	2.4	2.5	2.7	2.7	2.6	2.6	2.6	2.2	2.3	2.4	2.6	2.9	2.7	2.5	2.4	2.4	2.6	3.1	2.57	24	3.4
3	3.4	3.6	3.9	4.0	3.9	3.8	3.6	3.8	3.9	3.8	3.7	2.8	2.8	2.6	2.4	2.4	2.7	2.9	4.3	4.7	4.5	4.3	4.0	3.8	3.56	24	4.9
4	3.6	3.3	3.1	3.0	2.9	2.5	2.4	2.4	2.3	2.3	2.2	2.0	2.0	2.0	2.0	2.0	2.0	2.1	2.1	2.1	2.1	2.1	2.0	2.1	2.34	24	3.7
5*	2.0	2.0	1.9	1.9	1.9	1.9	1.8	1.9	2.0	2.0	2.0	1.9	1.9	1.9	1.9		2.6	2.4	2.2	2.1	2.1	2.1	2.2	2.3	2.02	23	2.6
6*	2.3	2.4	2.4	2.3	2.3	2.3	2.3	2.3	2.2				2.1	2.0	2.0	2.1	2.1	2.1	2.1	2.2	2.2	2.3	2.4	2.4	2.22	21	2.5
7	2.4	2.3	2.3	2.3	2.3	2.3	2.4	2.5	2.6	2.7	2.7	2.5	2.3	2.3	2.4	2.4	2.4	2.7	2.7	2.7	2.8	2.8	2.7	2.8	2.50	24	3.0
8	3.1	3.1	3.1	3.1	3.1	3.0	3.1	3.2	3.3	3.3	3.2	3.6	3.6	3.4	3.2	2.7	3.0	3.6	3.8	3.9	3.9	3.8	3.8	3.8	3.33	24	4.0
9	3.8	3.8	3.8	3.8	3.9	4.1	4.1	4.3	4.4	4.3	4.2	3.9	3.6												3.99	13	4.4
10																											
11																											
12*																											
13*																											
14	3.9	3.4	3.1	2.3	2.0	2.2	2.5	2.9	3.7	3.5	3.5	3.5	3.0	3.3	4.7	4.6	3.4	4.0	3.9	4.0	4.1	4.4	4.6	5.2	3.55	24	6.0
15	5.4	4.9	4.3	3.9	3.8							2.4	2.5	2.5	2.5	2.7	2.7	2.9	2.9	3.5	3.3	4.5	2.7	2.9	3.22	18	6.0
16	3.1	3.0	3.2	3.7	4.2	3.7	3.9	4.8	5.2	4.7	3.5	2.6	2.4	2.4	2.3	2.6	3.0	3.9	3.0	2.9	3.2	2.8	2.7	2.8	3.32	24	5.5
17	2.5	2.3	2.3	2.6	2.8	2.8	3.1	4.2	4.8	4.0	3.3	2.6	2.5	2.5	2.4	2.8	2.7	2.7	2.9	3.0	2.9	3.1	3.0	3.1	2.93	24	5.1
18	2.6	2.5	3.5	3.1	2.7	1.9	2.4	3.9	5.9	5.1	2.9	2.1		1.9	1.9	1.9	2.0	2.0	2.3	4.6	2.6	3.3	3.7	4.2	2.89	23	6.3
19*	4.0	4.7	4.7	3.6	2.8	2.6	2.9	3.6	3.5	2.5	1.9	1.8	1.9	1.8	1.6	1.6	1.7	1.7	1.8	1.9	2.1	2.2	2.4	2.6	2.57	24	4.9
20*	2.7	3.1	3.8	4.3	4.4	4.6	4.7	4.5	4.4	4.1	3.8	3.5	3.4	3.6	3.1	2.1	2.2	2.2	2.3	4.5	2.4	2.4	2.4	2.3	3.28	24	4.8
21	2.1	2.2	2.3	2.5	2.6	4.5	3.1	4.2	4.6	4.5	3.3	2.8	3.3	3.3	2.6	2.5	2.7	2.9	2.4	2.4	2.8	2.8	2.7	3.0	2.91	24	4.9
22	3.4	3.1	3.2	3.1	2.6	2.4	2.6	2.9	3.6	3.7	2.7	2.4	2.3	2.6	2.5	2.3	2.5	2.5	2.7	2.9	3.2	3.0	3.3	3.2	2.86	24	4.0
23	2.5	2.6	2.7	3.1	3.6	3.6	4.0	3.6	3.5	3.0	2.7	2.4	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.1	2.1	2.1	2.1	2.63	24	4.2
24	2.1	2.1	2.1	2.0	2.0	2.0	2.0	2.1	2.1	2.2	2.2	2.2	2.1	2.1	2.2	2.2	2.2	2.3	2.2	2.3	2.4	2.5	2.6	2.6	2.18	24	2.7
25	2.7	2.8	2.8	2.9	2.9	3.0	3.1	3.3	3.4	3.3	2.5	2.5	2.4	2.4	2.4	2.3	2.6	2.6	2.5	2.8	2.8	2.8	2.8	2.7	2.75	24	3.5
26*	2.5	2.1	2.2	2.0	2.0	2.0	2.0	2.1	2.0	2.1	2.0	2.0	2.0	1.9	1.9	1.9	2.1	2.1	2.2	2.2	2.3	2.4	2.5	2.5	2.11	24	2.6
27*	2.6	2.6	2.6	2.7	2.8	2.8	2.9	3.0	3.1	3.2	3.2	3.2	3.1	3.1	3.0	2.7	1.9	1.9	2.0	2.1	2.2	2.3	2.4	2.4	2.64	24	3.2
28	2.5	2.5	2.6	2.6	2.7	2.7	2.8	2.9	3.0	3.2	2.9	2.4	2.5	2.5	2.6	2.6	3.0	4.5	4.8	4.9	5.4	5.7	5.4	5.3	3.40	24	5.8
29	5.4	5.5				3.6	3.8	4.3			4.4	2.8	2.7	2.7	2.4	2.5	2.3	2.1	2.1	2.2	2.2	2.2	2.4	2.8	3.07	19	7.1
30	2.6	2.5	2.5	2.7	2.4	4.6	2.6	2.6	2.4	2.5	2.3	2.4	2.2	2.7	2.4	2.2	2.3	2.5	2.3	2.6	2.2	2.0	2.3	2.2	2.41	24	3.8
31	2.3	2.5	2.5	2.2	2.0	2.1	2.6	3.5	4.5	5.3	3.2	2.5	2.4	2.4	2.6	2.6	4.0		3.3	4.8	4.5	4.6	2.6	2.3	3.09	23	5.8
	3.0	3.0	2.9	2.9	2.8	2.8	2.9	3.2	3.4	3.3	2.9	2.6	2.5	2.5	2.5	2.4	2.5	2.7	2.7	2.9	2.9	2.9	2.9	3.0	2.83		
MEAN	27	27	26	26	26	26	26	26	25	24	25	26	26	26	26	25	26	25	26	26	26	26	26	26		620	
NO. MAX.	5.4	5.5	4.7	4.3	4.4	4.6	4.9	4.8	5.9	5.3	4.4	3.9	3.6	3.6	4.7	4.6	4.0	4.5	4.8	4.9	5.4	5.7	5.4	5.3	3.99		7.1

WED., MAR. 22, 1967

* Indicates Saturday or Sunday
Local standard time used

TABULATED

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U.S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

FLAME IONIZATION ANALYSIS

ST. LOUIS, MO.

TOTAL HYDROCARBON
APRIL 1966

DAY	AM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	PM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	DAILY HRS	DAILY MAX
1	2.2	2.2	2.3	2.3	2.4	2.3	2.2	2.4	2.6	2.8	2.4	2.3	2.3	2.3	2.2	2.2	2.3	2.3	2.2	2.5	3.0	2.5	2.4	2.8	2.38	24	3.1
2*	2.9	2.5	2.6	2.7	2.3	2.4	2.2	2.2	2.3	2.6	2.6	2.4	2.6	3.1	3.2	2.4	2.5	3.0	2.9	2.9	2.9				2.62	21	3.7
3*																											
4																											
5																											
6																											
7																											
8																											
9*																											
10*																											
11																											
12																											
13																											
14																											
15																											
16*																											
17*																											
18																											
19	4.0	5.9	4.5	3.6	3.4	3.5	3.7	5.4	7.6	6.1	4.3	2.5	2.4	2.5	2.6	5.3	4.7	2.9	2.6	3.7	2.6	3.7	2.8	2.4	3.77	24	8.0
20	2.3	2.9	3.2	2.4	2.2	3.0	3.3	4.2	4.3	4.8	3.8	2.4	3.0	3.1	3.2	3.4	2.3	3.1	2.6	2.0	1.8	1.7	1.7	1.7	2.84	24	5.6
21	1.7	1.7	1.7	1.6	1.4	1.7	1.8	2.0	2.0	2.0	2.0	1.9	2.2	2.1	2.1	2.0	2.1	2.5	2.2	2.2	2.2	2.0	1.9	1.9	1.95	24	2.6
22	1.9	1.8	1.8	2.0	1.9	2.1	2.1	2.1	2.5	3.0	2.8		2.4	2.3	2.5	2.6	3.0	3.1							2.33	17	3.2
23*																											
24*																											
25																											
26																											
27	1.9	1.9	1.8	1.9	2.1	4.4	2.5	2.9	2.8	2.3	2.6	2.7	2.8	2.7	2.5	3.0	3.6	3.8	3.5	3.3	3.0	2.8	2.8	2.6	2.67	24	4.3
28	2.4	2.6	2.3	2.0	1.9	1.9	2.1	2.3	2.3	2.3	2.2	2.2	2.2	2.2	2.3	2.4	2.4	2.2	2.1	2.0	2.1	2.2	2.1	2.1	2.18	24	2.7
29	2.1	2.0	2.0	1.9	1.9	2.2	3.1	3.2	3.1	2.6	2.5	2.4	2.5	2.7	2.7	2.8	3.1	3.0	2.9	2.9	2.8	2.7	2.7	2.8	2.59	24	3.5
30*	2.8	2.9	3.2	3.3	3.4	3.4	3.3	3.1	2.9	2.8	2.7	2.6	2.5	2.1	2.0	2.0	2.1	2.0	2.0	2.1	2.1	2.0	2.0	2.1	2.55	24	3.5
SAMPLES	10	10	10	10	10	10	10	10	10	10	10	9	10	10	10	10	10	10	9	9	9	8	8	8		230	
MIN	4.0	5.9	4.5	3.6	3.4	3.5	3.7	5.4	7.6	6.1	4.3	2.7	3.0	3.1	3.2	5.3	4.7	3.8	3.5	3.3	3.0	2.8	2.8	2.8	3.77		8.0
MAX																											

* Indicates Saturday or Sunday
Local standard time used

WED., MAR. 22, 1967

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
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Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONCENTRATION IN PPM

FLAME IONIZATION ANALYSIS

ST. LOUIS, MO.

TOTAL HYDROCARBON
MAY 1966

DAY OF MONTH	AM 12	12	23	34	45	56	67	78	89	910	1011	1112	PM 121	12	23	34	45	56	67	78	89	910	1011	1112	DAILY MEAN	NO. OF HRS	5 MIN MAX
1*	2.1	2.2	2.0	1.9	1.9	1.9	1.9	1.9	1.8	1.9	1.9	1.9	1.8	1.9	2.0	1.9	1.8	1.8	1.9	2.0	2.0	2.1	2.3	2.1	1.95	24	2.3
2	2.0	1.9	1.9	1.9	1.9	2.1	2.3	2.3	2.4	2.5	2.3	2.2	2.3	2.3	2.4	2.6	2.4	2.1	2.5	2.8	3.0	3.1	3.2	3.1	2.38	24	3.3
3	3.0	3.0	3.0	2.8	3.0	3.1	3.3	2.8	2.5	2.4	2.4	2.4	2.2	2.3	2.3	2.3	2.3	2.2	2.1	2.0	2.0	2.0	2.0	2.0	2.47	24	3.5
4	2.3								3.5	3.3	2.4	2.2	2.5	2.4	2.7	2.8	2.7	2.3	2.5	2.4	2.1	2.1	2.4	2.3	2.51	17	3.5
5	2.3	2.3	2.4	2.4	2.5	2.8	3.4	3.6	3.6	3.0	2.1	2.0	3.0	4.8	3.6	2.3	2.3	3.8							2.88	18	5.3
6		4.1	3.5	3.4	3.0	2.8	2.9	2.9	3.3	3.1			2.6	2.6	2.5	2.6	2.7	2.6	2.3	2.4	2.3	2.3	2.5	3.1	2.82	21	4.6
7*	3.3	3.2	2.8	2.5	2.4	2.6	2.4	2.6	2.8	3.1	3.2	3.4	3.0	2.3	2.4	2.8	2.9	3.0	3.0	3.3	3.7	3.5	3.4	3.3	2.96	24	3.9
8*	3.2	3.2	3.2	2.9	2.7	2.8	3.1	2.9	2.8	2.8	2.5	2.3	2.7	2.4	2.5	2.8	2.8	2.2	2.1	2.0	2.0	2.0	2.0	2.0	2.55	24	3.6
9	2.0	2.0	2.0	2.0	1.9	2.0	2.2	2.3	2.1	2.0	2.0	1.9	2.0	2.0	2.0	2.1	2.2	2.0	2.0	2.1	2.2	2.2	2.2	2.1	2.05	24	2.3
10	2.0	2.0	2.0	2.0	2.0	2.1	2.5	2.7	2.7	2.4	2.1	2.0	2.2	2.2	2.2	2.6	2.7	2.4	2.3	2.3	2.3	2.4	2.4	2.3	2.28	24	2.8
11	2.4	2.4	2.4	2.4	2.4	2.6	3.0	3.1	3.1	3.1	3.2	3.0	2.8	2.7										3.3	2.78	15	3.4
12	3.1	3.0	2.9	2.8	2.7	2.7	2.6	2.6	2.8	2.8		2.5	2.3	2.3	2.4	2.5	2.4	2.4	2.5	3.2	3.3	3.0	2.9	2.9	2.71	23	4.1
13	2.6	2.5	2.5	2.5	2.6	2.8	2.9	3.1	3.5	3.3	3.0	2.9	2.7	2.7	2.6	2.8	2.7	2.5	2.5	2.6	2.5	2.5	2.6	2.5	2.72	24	3.6
14*	2.4	2.3	2.3	2.3	2.3	2.3	2.4	2.5	2.4	2.3	2.3	2.7	2.6	2.4	2.7	3.1	3.3	3.0	2.8	2.7	2.9	2.9	2.7	2.6	2.58	24	3.4
15*	2.4	2.4	2.3	2.2	2.3	2.5	2.4	2.3						2.7	2.7	2.7	2.8	2.7	2.7	2.7	2.7	2.9	2.9	2.8	2.56	19	3.0
16	2.6	2.4	2.7	3.0	2.9	2.9	3.0	3.2	3.2	2.9	2.8	2.6	2.5	2.6	2.7	3.1	3.3	3.2	3.3	3.6	3.4	2.8	3.2	2.9	2.93	24	3.8
17	2.8	3.0	3.0	2.9	2.7	2.5	3.2	3.5	4.4	3.9	2.7	3.1	3.2	3.2	2.8	2.9	3.2	3.0	3.0	3.0	2.7	3.0	2.8	3.0	3.05	24	4.8
18	2.8	3.0	2.8	2.8	2.7	2.7	2.6	2.9	2.8	2.6	2.5	2.4	2.3	2.5	2.5	2.7	2.6	2.4	2.4	2.8	3.3	2.8	2.8	2.9	2.67	24	3.6
19	3.3	3.4	3.3	3.2	2.8								2.0	1.8	1.8	2.0	2.2	2.1	2.4	2.7	2.9	3.1	3.5	3.7	2.70	17	3.7
20	3.3	2.8	2.6	2.6	2.7	2.9	3.7	4.4	4.3	3.8		2.5	2.4	2.3	2.3	2.6	2.5	2.8	2.8	2.6	2.4	2.3	2.5	2.4	2.83	23	4.5
21*	2.3	2.3	2.2	2.1	2.3	2.3	2.2	2.2	2.4	2.5	2.4	2.3	2.2	2.2	2.3	2.3	2.1	2.1	2.1	2.2	2.1	2.0	2.0	2.0	2.20	24	2.6
22*	2.0	2.0	2.0	2.0	2.1	2.3	2.2	2.1	2.1	2.2	2.2	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.2	2.4	2.3	2.2	2.2	2.13	24	2.5
23	2.0	2.1	2.0	1.9	1.9	2.0	2.3	2.7	2.7	3.5	4.2	3.9	2.4	2.4	2.5	2.9	2.8	2.6	2.5	2.4	2.5	3.3	2.6	2.1	2.58	24	4.4
24	2.0	2.1	2.1	2.0	2.1	2.2	2.2	2.3	2.5	2.7	2.5	2.5	2.5	2.4	2.4	2.5	2.5	2.3	2.3	2.4	2.4	2.6	2.7	2.9	2.37	24	3.0
25	2.9	3.1	4.0	4.6	4.0	4.9	5.0	5.2	4.2	3.5	3.0	2.9	2.7	2.5	2.5	2.5	2.6	2.5	2.5	2.5	2.5	2.9	3.1	3.4	3.30	24	5.5
26	3.6	3.7	3.7	4.9	4.1	3.5	3.5	3.7	3.6	3.3	2.9	2.6	2.4	2.5	2.9	2.8	2.5	2.5	2.5	2.7	2.8	2.9	2.8	2.7	3.11	24	5.2
27	2.8	2.9	3.0	3.0	3.0	2.9	3.0	3.2	3.4	3.3	2.9	2.7		2	.5	2.8	2.6	2.4	2.5	2.9	3.1	3.5	4.0	4.5	3.02	23	4.8
28*	4.1	3.5	3.4	3.4	3.5	3.5	3.0	2.6	2.5	2.6	2.9	2.9			.7	2.8	2.6	2.9	2.8	4.5	2.5	4.5	2.6	2.4	2.85	24	4.8
29*	2.3	2.1	2.1	2.1	2.1	2.2	2.2	2.3	2.5	2.3	2.4	2.3	2.3					2.6	2.4	2.3	2.4	4.4	2.4	2.4	2.31	22	2.7
30	2.3	2.4	2.4	2.4	2.4	2.5	2.5	2.4	2.6	2.6	2.6	2.6	2.6	2.5		2.5	2.5	2.5	2.5	2.6	2.5	2.6	2.7	2.7	2.51	24	2.7
31	2.6	2.6	2.6	2.7	2.7	3.1	3.5	3.7	3.6	3.6				3.2	3.1	3.0	2.8	2.7	2.7	2.7	2.7	2.7	2.9	3.0	2.95	21	4.0
MEAN	2.6	2.7	2.6	2.7	2.6	2.7	2.8	2.9	3.0	2.9	2.6	2.5	2.5	2.5	2.5	2.6	2.6	2.5	2.5	2.6	2.6	2.6	2.7	2.7	2.63		
NO.	30	30	30	30	30	29	29	29	29	29	25	27	28	31	30	29	29	30	29	29	29	29	29	30		699	
MAX	4.1	4.1	4.0	4.9	4.1	4.9	5.0	5.2	4.4	3.9	4.2	3.9	3.2	4.8	3.6	3.1	3.3	3.8	3.3	3.6	3.7	3.5	4.0	4.5	3.30		5.5

TABULATED WED., MAR. 22, 1967

* Indicates Saturday or Sunday
Local standard time used

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U.S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

ST. LOUIS, MO.

TOTAL HYDROCARBON
JUNE 1966

CONCENTRATION IN PPM
FLAME IONIZATION ANALYSIS

DAY	AM 12	1	2	3	4	5	6	7	8	9	10	11	12	PM 12	1	2	3	4	5	6	7	8	9	10	11	12	DAILY MEAN	NO. OF HRS.	5 MIN. MAX.
1	3.1	3.1	3.2	3.1	3.2	3.9	4.6	4.5	4.6	3.9	3.6	3.5	3.4	3.3	3.2	3.1	3.0	2.8	2.8	2.9	3.0	3.1	3.8	4.6	3.45	24	5.1
2	4.5	4.5	4.3	4.9	4.2	4.1	3.9	4.0	3.9	3.5	3.0	2.7	2.6	2.6	2.6			2.3	2.2	2.2	2.2	2.2	2.4	2.1	3.21	22	5.2
3	2.0	2.2	2.2	2.0	1.9	2.2	2.7	2.9	2.6	2.6	2.5	2.3	2.3	2.2	2.3	2.5	2.5	2.5	2.6	2.5	2.5	2.5	2.6	2.5	2.39	24	3.1
4*	2.3	2.1	2.2	2.1	2.1	2.1	2.2	2.5	2.6	2.5	2.3	2.2	2.1	2.0	2.1	2.0	2.1	2.1	2.1	2.1	2.1	2.1	2.3	2.4	2.19	24	2.7
5*	2.3	2.1	2.1	2.0	1.9	2.1	2.0	2.0	2.1	2.1	1.9	1.9	2.2	1.9	2.0	2.2	2.3	2.5	2.5	2.4	2.4	2.4	2.2	2.1	2.14	24	2.6
6	2.1	2.1	2.1	2.1	2.1	2.0	2.4	2.9	3.1	3.1	2.5	2.2	2.3	2.3	2.4	2.3	2.2	2.1	2.0	2.0	2.0	2.2	2.6	2.8	2.31	24	3.3
7	3.2	3.8	4.0	3.8	3.6	4.0	4.7	4.6	4.2	3.5	2.8	2.6	2.4	2.4	2.4	2.5	2.7	2.5	2.4	2.3	2.2	2.3	2.3	2.2	3.04	24	5.0
8	2.1	2.0	2.0	2.0	2.2	2.4	2.9	3.2	3.5	3.2	3.1	3.0	2.8	2.7	2.4	2.5	2.7	2.4	2.4	2.3	2.4	2.5	2.5	2.6	2.57	24	3.8
9	2.5	2.4	2.3	2.3	2.2	2.4	3.0	2.9	2.8	2.9	2.3	2.2	2.1	2.2	2.0	2.0	2.1	2.2	2.3	2.4	2.3	2.3	2.4	2.4	2.36	24	3.3
10	2.3	2.3	2.3	2.3	2.3	2.3	2.4	2.5	2.7	2.8	2.6	2.5	2.4	2.3			2.7	2.3	2.2	2.3	2.3	2.4	2.4	2.7	2.41	22	2.9
11*	2.6	2.5	2.5	2.6	2.8	2.8	2.9	2.8	2.9	2.7	2.5	3.0	3.0	2.7	2.8	3.0	3.0	3.1	3.2	2.9	2.7	2.5	2.7	2.7	2.76	24	3.3
12*	2.8	2.8	2.6	2.6	2.5	2.5	2.7	2.9	3.1	3.0	2.9	2.9	3.0	2.8	2.7	2.9	3.1	3.0	3.0	3.1	3.2	3.2	3.2	3.1	2.89	24	3.3
13	2.9	2.8	2.8	2.8	2.8	2.9	3.1	3.3	3.3	3.3	3.4	3.3	3.3	3.4	3.3	3.4	3.4	3.2	3.2	3.1	3.1	3.1	3.1	3.2	3.13	24	3.6
14	3.4	3.3	3.2	3.1	3.3	3.6	3.9	4.3	4.2	4.0	3.7	3.6	3.5	3.6	3.8	4.2		2.3	2.5	2.9	3.3	3.6	4.2	3.8	3.51	23	4.6
15	3.5	3.1	3.3	3.1	3.0	3.2	4.1	3.5	3.3	3.8	3.2	2.8	2.6	2.5	2.5	2.6	3.4	4.2	4.3	4.2					3.31	20	4.5
16										2.5	2.4	2.3	2.3	2.2	2.2	2.4	2.4	2.3	2.3	2.3	2.3	2.5	2.6	2.5	2.35	15	3.0
17	3.2	3.3	3.4	3.8	3.6	3.6	3.3	3.2	3.0	2.7	2.5	2.3	2.5	2.5	2.5	2.5	2.3	2.3	2.2	2.3	2.3	2.3	2.7	2.8	2.78	24	4.0
18*	2.9	3.0	2.9	2.6	2.6	2.8	3.5	3.9	3.8	2.9	2.2	2.4	2.5	2.6	2.6	2.5	2.4	2.5	2.5	2.4	2.6	2.7	2.8	3.0	2.76	24	4.1
19*	3.2	3.9	4.8	5.1	5.7	6.6	6.9	7.6	6.4	4.2	4.0	4.0	3.2	2.9	2.8	3.0	3.6	4.7	4.9	4.4	3.9	4.0	3.6	3.3	4.44	24	7.7
20	3.3	3.4	3.3	3.1	3.1	3.4	4.0	4.6	4.6	4.8	3.8	2.7	2.8	3.3	2.6	2.7	2.8	2.6	3.0	3.3	3.1	2.8	3.1	2.9	3.29	24	4.9
21	2.8	2.7	2.5	2.6	2.6	2.8	3.5	3.9	3.5	3.0	3.0		3.0	2.7		2.9	3.6	4.1	3.9	3.7	3.5	3.5	3.7	3.8	3.23	22	4.2
22	4.1	3.9	3.9	4.6	3.8	3.6	5.2	5.8	4.5	4.0	3.7	3.9	2.9	2.6	2.5	2.6	2.7	2.7	2.7	2.9	3.0	3.2	3.4	3.1	3.53	24	6.7
23	3.1	2.8	2.9	2.7	2.6	2.8	3.8	4.2	3.7	3.2	2.6	2.5	2.4	2.4	2.4	2.5	2.8	3.5	3.6	3.6	3.9	3.6	3.4	3.2	3.08	24	4.5
24	3.0	3.2	3.1	2.9	3.0	3.1	3.6	4.1	3.9	3.6	3.5	3.4	2.6	2.4	2.5	2.7	3.0	3.4	3.3	3.6	3.4	3.3	3.3	3.1	3.20	24	4.2
25*	3.0	3.0	3.0	2.8	2.8	2.9	3.1	3.0	3.1	3.1	3.3	3.3	3.2	3.2	3.3	3.5	3.4	3.5	3.4	3.5	3.4	3.4	3.3	3.4	3.19	24	3.6
26*	3.2	3.2	3.1	3.1	3.1	3.4	3.3	3.4	3.5	2.9	2.7	2.6	2.5	2.3	2.5	2.9	3.1	2.9	3.0	3.4	3.4	3.3	3.4	3.2	3.04	24	3.6
27	2.9	3.0	3.5	3.7	3.9	3.9	4.6	5.1	4.8	4.4	3.9	3.6	3.4	3.1	3.3	4.0	3.8	4.0	4.0	4.0	4.1	3.4	3.1	2.9	3.74	24	5.2
28	3.0	3.1	3.2	3.2	3.1	3.5	4.0	4.5	4.4	3.7	3.2	2.8	2.8	2.8	2.9	3.0	2.9	2.9	2.9	2.9	2.9	2.9	3.1	3.1	3.19	24	4.6
29	3.0	3.0	3.0	3.0	3.0	3.0	3.1	3.3	3.2	3.1	2.9	2.8	2.7	2.6	2.8	3.0	3.2	3.1	3.0	3.0	2.9	2.9	3.0	3.0	2.97	24	3.4
30	3.0	3.0	3.0	3.0	3.0	3.0	3.3	3.5	3.4	3.2	3.0	2.9	3.0	3.2	3.3	3.3		6.7	5.7	5.3	5.2	5.2	5.1	5.2	3.83	23	7.8
MEAN	2.9	2.9	3.0	3.0	3.0	3.1	3.5	3.7	3.6	3.3	3.0	2.8	2.7	2.6	2.7	2.8	2.9	3.0	3.0	3.0	2.9	2.9	3.0	3.0	3.01		
No.	29	29	29	29	29	29	29	29	29	30	30	29	30	30	28	28	27	30	30	30	29	29	29	29		699	
MAX.	4.5	4.5	4.8	5.1	5.7	6.6	6.9	7.6	6.4	4.8	4.0	4.0	3.5	3.6	3.8	4.2	3.8	6.7	5.7	5.3	5.2	5.2	5.1	5.2	4.44		7.8

* Indicates Saturday or Sunday
Local standard time used

WED., MAR. 22, 1967

19-61

CONTINUOUS AIR MONITORING PROGRAM

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

ST. LOUIS, MO.

CONCENTRATION IN PPM

FLAME IONIZATION ANALYSIS

TOTAL HYDROCARBON
JULY 1966

DAY OF MONTH	AM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	PM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS	5 MIN MAX
1	5.4	5.2	4.8	4.5	4.5	4.8	4.9	5.7	5.5	4.8	4.4	4.2	4.2	4.4	4.3	4.6	4.4	4.3	4.4	4.3	4.3	4.3	4.1	3.9	4.58	24	6.0
2*	4.0	3.8	3.7	3.7	3.8	3.7	3.5	3.9	4.4	4.1	3.9	3.7	3.5	3.3	3.9	4.0	3.8	3.8	3.9	4.0	4.0	4.0	4.0	3.9	3.83	24	4.6
3*	4.0	3.6	3.6	3.7	4.3	4.6	5.3	4.7	4.3	3.9	3.5	3.4	3.5	3.7	3.5	3.9	4.1	4.1	3.9	3.7	3.6	3.6	3.6	3.6	3.89	24	5.5
4	3.6	3.5	3.5	3.4	3.2	3.2	3.3	3.4	3.2	2.9	2.8	2.9	2.8	2.8	2.8	2.8	2.8	2.8	2.9	3.1	3.3	3.4	3.3	3.2	3.11	24	3.6
5	3.0	3.1	3.2	3.2	3.2	3.2	3.4	3.7	3.6	3.3	3.1	2.9	2.8	2.8	2.9			3.0	2.4	2.2	2.4	2.2	2.3	2.2	2.90	22	3.7
6												2.0	2.3	2.0	2.0	2.1	2.2	2.0	2.1	2.3	2.4	2.4	2.7	2.7	2.23	13	2.9
7	2.7	2.5	2.4	2.4	2.4	2.3	2.6	2.8	2.8	2.6	2.4	2.4	2.4	2.4	2.5	2.5	2.3	2.2	2.2	2.2	2.3	2.8	3.4	3.4	2.53	24	3.5
8	3.3	3.0	3.5	3.7	3.7	3.3	4.3	5.3	5.0	4.9	4.9	4.9	5.0	5.2	4.5	3.2	3.1	3.2	3.1	3.2	2.9	2.9	3.2	3.0	3.83	24	5.6
9*	2.9	2.8	2.7	2.7	2.6	2.8	2.8	2.9	2.8	2.8	2.7	2.6	2.5		3.3	3.4	3.4	3.4	3.5	3.4	2.9	2.8	3.0	3.1	2.94	23	3.6
10*	3.0	2.9	2.8	2.7	2.7	2.7	2.8	2.9	2.7	2.4	2.4	2.4	2.5	2.8	2.9	2.9	2.9	3.1	3.1	3.0	3.0	3.0	3.0	3.0	2.81	24	3.2
11	3.0	3.1	3.0	2.9	2.9	3.1	3.4	3.3	3.2	3.4	3.5	2.9	2.8	2.7	2.9	3.0	3.1								3.06	17	4.0
12												2.4	2.0	1.8	2.1	2.3	3.3	3.4	3.1	2.7	2.7	3.0	3.1	2.9	2.65	13	3.5
13	2.9	3.0	3.0	3.0	3.0	3.3	3.9	4.6	4.5	3.8	3.1	2.2	1.9	1.9	1.9	2.6	2.6	2.2	2.2	2.6	2.7	2.6	2.9	3.3	2.90	24	4.6
14	4.0	4.1	4.0	3.9	3.8	3.9	4.4	5.2	5.1	4.3	3.4	2.8	2.5	2.2											3.80	14	5.3
15																											
16*																											
17*																											
18																											
19																											
20																											
21		2.0	1.8	1.7	2.0	1.8	2.0	2.7	2.5	2.3	3.9	2.2	1.6	1.0	0.9	0.9	1.0	1.1	1.6	1.8	1.5	1.6	2.3	2.7	1.85	23	4.6
22	2.7	2.4	2.3	2.4	2.4	2.3	2.9	3.7	3.6	3.2	2.3	1.7	1.3	1.4	1.8	1.9	2.4	2.6	2.7	2.6	2.4	3.0	3.2	3.0	2.49	24	3.9
23*	2.8	2.8	3.0	3.1	3.0	3.1	3.0	3.5	3.5	3.5	3.5	3.3	3.0	2.6	2.7	2.5	2.2	2.5	2.4	2.4	2.4	2.7	2.9	2.9	2.88	24	3.9
24*	3.1	3.1	3.0	2.8	2.5	2.4	2.6	2.8	3.0	3.3	3.3	3.1	3.1	2.9	2.8	2.6	2.7	2.7	2.6	2.1	2.1	2.2	2.1	2.0	2.69	24	3.5
25	2.0	1.5	1.4	1.9	1.5	1.1	1.2	1.3	1.6	2.4	2.5	2.9	3.0	3.2	3.6	3.6	3.7	3.0	2.3	2.5	2.7	2.8	2.9	2.9	2.38	24	3.8
26	2.6	2.6	2.8	2.7	3.0	3.0	3.2	3.8	4.0	4.0	4.3				4.5	4.8	4.8	4.4	4.5	5.2	5.5	5.0	4.8	4.4	3.98	21	5.6
27	4.0	3.9	3.9	3.8	3.8	4.0	5.0	5.7	5.8	5.9	5.8			3.3	3.2	3.1	4.6	4.8	4.5	4.5	3.6	3.2	3.6	4.3	4.27	22	6.0
28	4.1	4.1	4.1	3.9	3.7	3.7	4.1	5.2	5.9	6.1	5.4	5.2	4.5	3.7	3.4	3.3	3.2	3.0	2.8	2.6	2.6	2.7	3.0	2.9	3.86	24	6.2
29	2.7	2.6	2.4	2.4	2.2	2.1	2.5	2.6	2.7	2.7	2.8	2.8	2.9	2.5	2.5	3.2	4.2	3.9	3.3	3.0	2.8	2.9	2.9	2.6	2.78	24	4.4
30*	2.4	2.3	2.3	2.3	2.5	2.7	2.9	3.0	2.9	3.2	3.3	3.4	3.4	3.2	3.2	3.4	3.3	3.2	3.2	3.5	3.5	3.3	3.0	2.8	3.00	24	3.7
31*	2.7	2.9	2.9	3.1	3.2	3.5	3.5	3.9	4.4	4.8	5.2	5.4	5.4		5.1	5.2	5.3	5.4	5.5	5.4	5.4	5.4	5.2	4.9	4.50	23	5.8
MEAN	3.2	3.1	3.0	3.0	3.0	3.1	3.4	3.8	3.8	3.7	3.6	3.1	3.0	2.8	3.0	3.1	3.3	3.2	3.1	3.1	3.1	3.1	3.2	3.2	3.20		
NO.	22	23	23	23	23	23	23	23	23	23	23	23	23	22	24	23	23	23	23	23	23	23	23	23		551	
MAX	5.4	5.2	4.8	4.5	4.5	4.8	5.3	5.7	5.9	6.1	5.8	5.4	5.4	5.2	5.1	5.2	5.3	5.4	5.5	5.4	5.5	5.4	5.2	4.9	4.58		6.2

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., MAR. 22, 1967

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section Laboratory
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

FLAME IONIZATION ANALYSIS

ST. LOUIS, MO.

TOTAL HYDROCARBON
AUG. 1966

DAY	AM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	PM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	DAILY NO.	DAILY MAX
1	4.8	4.6	4.3	4.4	4.8	4.9	5.1	5.9											5.2	5.1	5.7	5.5	5.2	4.8	4.98	14	6.1
2																											
3																											
4																											
5																											
6*																											
7*																											
8																											
9												2.2	2.1	2.3	2.4	3.1	2.6	2.3	2.6	2.7	2.8	3.4	3.6	2.9	2.67	13	5.3
10	2.6	2.4	2.1	2.0	1.9	1.7	2.6	3.0	2.6	2.6	2.4	2.6	2.4	2.3	2.7	2.4	1.9	1.5	1.4	1.3	1.1	1.4	1.3	1.1	2.04	24	3.7
11	1.2	1.0	0.9	0.9	1.0	1.2	1.7	1.9	2.0	2.1	2.2	2.1	2.1	2.1			2.3	2.2	2.6	2.6	2.6	3.7	3.7	4.2	2.09	22	5.2
12	4.2	3.7	2.7	2.7	2.9	3.0	3.9	3.7	3.2	3.0	2.9	2.7	3.0	2.9	3.1	3.6	3.8	2.9	3.1	2.9	2.6	2.7	2.9	2.1	3.07	24	4.7
13*	1.9	1.7	1.7	1.5	1.5	1.4	1.4	1.8	1.9	1.7	1.9	2.0	1.8	1.4	1.7	1.8	1.6	1.9	1.8	1.8	2.1	2.9	3.8	3.4	1.92	24	4.0
14*	3.9	2.3	2.3	2.2	2.2	2.6	1.7	1.8	1.8	1.6	1.6	1.7	1.2	1.2	1.2	1.2	1.2	1.4	1.6	1.8	1.7	1.6	1.8	1.8	1.80	24	4.8
15	1.4	1.1	1.2	1.2	1.4	1.9	2.8	2.7	2.2	1.9	1.5	1.4			1.4	1.7	1.8	1.5	1.6	1.7	1.9	1.9	2.0	1.9	1.73	22	3.6
16	1.6	1.8	1.9	1.7	1.7	2.3	2.6	2.7	2.5	2.2		2.3	2.8	5.4	5.1		3.8	3.8	3.6	3.1	3.3	3.4	3.4	3.4	2.92	22	5.7
17	3.0	3.3	3.4	3.3	3.2	4.2	5.1		10.7	10.8	9.9	8.8	8.5	7.0	6.8	7.0	6.3	6.0	5.6	5.3	4.8	4.4	4.4	3.9	5.89	23	11.7
18	4.2	3.2	3.1	2.9	2.7	3.5	5.3	4.6	4.3	3.9	3.1	3.0	3.5	3.9	4.9	5.3	4.9	4.2	4.4	4.2	4.3	3.9	3.9	3.7	3.94	24	6.3
19	3.9	3.1	3.0	3.0							5.7	5.2	4.2	4.4	4.4			2.4	2.6	3.3	2.8	2.6	3.6	2.5	3.54	16	6.2
20*	2.4	2.1	2.0	2.8	2.6	4.5	2.8	2.7	2.4	2.8	2.8	2.6	2.1	2.0	1.9	2.0	2.0	1.9	2.2	2.9	2.8	3.9	3.5	2.8	2.47	24	5.1
21*	2.4	2.4	2.4	2.5	2.6	2.8		2.1			1.3		1.4	1.4	1.6		1.4	1.6	1.6	1.5	1.8	2.1	1.8	1.5	1.91	19	3.0
22	1.3	1.2	1.0	1.2	1.3	1.7	2.0	2.3	2.2	2.1	1.6	1.9	1.9			1.9	2.0	1.9	2.0	2.0	1.7	1.9	2.0	2.0	1.75	22	2.8
23	1.8	1.7	1.5	1.6	1.6	1.7	2.2	2.3	1.6	1.4	1.2	1.0	1.1	1.0	0.8	0.6	0.6	0.4	0.6	1.3	0.6	1.6	1.8	1.9	1.32	24	2.6
24																											
25																											
26	2.6	1.6	1.6	2.1	2.1	3.5	5.0	4.1	2.9	2.3			2.0	2.0	1.9	2.3	2.8	2.8	3.6	3.9	4.4	4.2	4.6	3.9	2.99	22	6.5
27*	3.5	3.0	3.4	3.0	2.9	3.6	4.4	3.7	2.8	2.5	2.1	2.3	2.4	2.6	2.4	2.3	2.7	2.8	2.9	2.9	3.1	3.5	3.6	3.1	2.96	24	5.0
28*																											
29																											
30	3.7	4.1	4.8	4.2	4.5	4.6	6.8	5.8	4.6	3.6	3.2	2.5	2.1	2.1	2.6	3.2	3.4	2.5	3.3	4.4	4.8	5.4	5.9	6.1	4.06	24	8.7
31	4.5	5.4	6.4	7.0	7.8	8.8	10.8	8.3	5.3	3.9	2.9	3.3	3.5	3.7	3.9	4.5	4.6	4.2	4.9	5.2	5.3	6.3	6.7	6.0	5.53	24	12.2
MEAN	2.9	2.6	2.6	2.6	2.7	3.1	3.9	3.5	3.3	3.0	2.9	2.8	2.7	2.8	2.9		2.7	2.5	2.8	3.0	3.0	3.3	3.5	3.1	2.95		
NO.	19	19	19	19	18	18	17	17	16	16	16	17	18	17	17	15	18	19	20	20	20	20	20	20		435	
MAX	4.8	5.4	6.4	7.0	7.8	8.8	10.8	8.3	10.7	10.8	9.9	8.8	8.5	7.0	6.8	7.0	6.3	6.0	5.6	5.3	5.3	6.3	6.7	6.1	5.89		12.2

WED., MAR. 22, 1967

* Indicates [illegible]
Local standard time used

D-63

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering, and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONCENTRATION IN PPM
FLAME IONIZATION ANALYSIS

ST. LOUIS, MO.

TOTAL HYDROCARBON
SEPT. 1966

DAY OF MONTH	AM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	PM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS.	5 MIN MAX
1	6.3		6.4	6.4	6.5	7.6	10.4	9.2	7.4	6.6	6.2	6.3	6.1	6.2	6.2	6.8	6.9	6.7	5.0	6.0	6.6	6.4	6.6	6.5	5.98	23	12.4
2	6.8	7.1	6.9	6.6	5.9	6.6	8.3	8.2	7.3	5.9	5.3	5.3	5.2	5.2	5.6	6.7	7.1	6.8	7.3	6.8	7.0	6.7	6.8	6.7	6.56	24	9.9
3*	7.1	6.9	6.4	6.6	6.2	6.3	6.8	6.3	5.6	5.1	5.0	4.9	4.7	4.8	4.9	5.4	5.7	5.7	6.3	6.8	7.0	7.0	7.3	7.2	6.07	24	8.3
4*	6.7	6.2	6.2	5.7	6.0	6.2	6.3	6.6	5.6	5.3	5.0	4.9	4.8	4.8	4.7	4.8	4.9	5.2	5.7	6.1	6.2	6.1	5.9	5.7	5.64	24	7.4
5	5.8	6.2	6.1	6.2	6.1	5.8	6.2	6.2	5.7	5.2	5.0	4.8	4.7	4.3	4.5	4.5	4.6	4.9	5.4	5.9	6.0	6.1	5.8	5.5	5.46	24	7.5
6	5.6	5.4	5.3	5.2	5.1	5.2	6.1	6.6	6.4	6.1	5.7	5.2	5.6	6.1	6.3	6.1	5.2			2.2	2.2	2.8	3.0	3.7	5.03	22	7.3
7	3.2	2.7	2.0	2.0	2.2	2.5	3.3	2.9	3.5	3.3	3.0	2.8	2.7	2.6	2.8	3.4	3.4	3.0	2.5	2.8	2.7	2.5	2.8	2.2	2.77	24	4.3
8	2.4	3.0	3.1	2.9	2.7	2.7	4.4	3.5	4.0	3.9	3.2	3.0	3.0	3.0	3.2	3.9	4.0	3.0	2.9	2.8	2.7	2.5	2.9	2.2	3.11	24	5.7
9	2.2	2.0	2.0	2.5	2.1	2.7	4.0	4.4	5.3	3.8	4.1	3.5	3.4	3.2	3.4	4.5	4.3	3.0	3.1	4.1	3.6	2.6	2.6	2.3	3.26	24	7.2
10*	3.2	3.4	3.0	3.4	4.2	4.3	4.2	4.2	4.6	3.7	3.3	2.8	2.4	2.5	2.7	2.7	3.2	2.8	2.5	3.4	6.1	8.0	5.6	4.3	3.76	24	9.4
11*	4.5	3.6	4.5	4.3	3.0	3.5	3.3	3.0	3.7	4.9	3.8	3.7	3.5	3.9	4.0	4.5	2.8	3.0	2.8	2.7	2.6	2.9	3.4	2.7	3.51	24	7.3
12	3.0	2.3	2.1	2.6	2.2	2.6	4.1	3.7	3.4	3.0	2.9	3.2	3.5	3.2	3.1	3.4	3.5	3.5	3.4	3.6	2.8	3.0	3.2	2.6	3.06	24	5.9
13	2.6	2.3	2.9	3.3	3.6	4.9	6.0	6.1	5.1	4.6	3.8	3.3	2.8	2.4	2.9	3.4	4.1	3.7	4.7	4.0	3.3	4.3	4.3	3.1	3.80	24	8.4
14	3.1	3.1	2.4	1.9	2.6	3.8	4.7	4.2	4.0	3.2	3.3	3.3	4.5	3.3	3.6	4.9	2.9	2.3	1.7	1.6	1.5	1.6	1.7	1.8	2.95	24	6.8
15	1.9	1.9	2.0	2.1	2.3	2.8	3.5	2.9	2.2	3.0	2.3	3.4	3.5	3.6	2.9	3.4	2.7	2.3	2.1	2.5	2.5	2.9	3.0	2.7	2.67	24	4.4
16	2.5	2.7	2.8	2.8	3.0	3.8	4.3	3.1	2.8	3.6	3.9	3.4	2.1				3.1	2.9	3.2	3.7	3.9	4.2	6.3	6.6	3.54	21	9.0
17*	5.5	4.9	4.6	6.7	5.8	7.1	6.7	6.2	4.1	3.9	2.9	3.2	3.0	3.0	3.1	3.1	2.9	2.4	2.9	2.6	2.6	2.9	5.5	5.4	4.19	24	7.9
18*	5.9	4.0	2.6	2.9	3.5	3.1	2.9	2.3	2.4	2.9	3.6	3.3	3.4	2.8	3.1	3.7	2.9	2.8	3.0	2.6	2.0	2.0	2.0	1.8	2.97	24	7.3
19	1.9	2.0	2.0	2.0	2.0	2.2	2.7	3.4	3.7	3.6	3.1	2.7	2.5	2.2	2.6	2.9	2.8	2.9	2.7	2.8	3.0	3.8	2.4	2.2	2.61	24	4.8
20	2.2	2.5	2.4	2.3	2.3	2.5	3.2	3.3	3.1	2.8	2.5	2.3	2.5	2.5	3.3			1.9	1.9	1.9	1.9	2.0	2.1	2.0	2.0	2.42	22	3.9
21	2.0	1.9	1.9	1.9	1.9	2.1	2.6	2.7	2.6	1.9	1.8	1.7	2.7	2.3	2.5	3.2	2.5	2.5	2.3	4.4	4.6	6.4	6.6	4.9	2.81	24	7.6
22	3.5	2.9	2.5	2.6	2.5	2.5	3.3	3.4	2.4	2.2	3.0	3.0	3.1	3.3	3.2	3.5	2.8	2.2	2.4	2.8	3.2	5.4	5.3	4.7	3.15	24	6.1
23	3.6	3.1	2.9	2.8	2.8	3.0	3.8	3.3	2.7	3.7	3.5	3.4	3.2	3.2	3.3	3.3	3.0	2.6	2.2	2.6	2.6	2.9	4.6	7.7	3.31	24	8.3
24*	6.8	6.4	6.1	4.6	4.9	3.9	6.3	4.7	3.6	5.3	4.7	3.7	3.3	3.0	3.2	3.5	3.5	2.8	2.3	2.0	2.1	1.9	2.6	2.2	3.95	24	7.4
25*	2.0	2.3	2.4	2.3	2.1	2.5	2.8	3.4	2.7	2.7	2.9	2.3	2.1	2.1	2.4	2.4	2.5	2.4	2.6	2.6	2.5	2.5	2.5	2.3	2.46	24	4.0
26	2.3	2.3	2.4	2.4	2.6	2.8	3.7	3.5	3.2	3.3	2.8	2.9	3.1	3.0	3.0	3.8		2.7	2.6	2.3	2.3	2.3	2.7	2.2	2.78	23	4.2
27	2.1	2.0	2.0	2.0	2.2	2.4	3.1	3.6	3.6	2.8	2.1	2.0	1.9	2.0	2.1	2.4	2.1	2.0	2.4	2.9	3.2	3.7	3.8	3.8	2.58	24	4.3
28	4.2	4.2	4.4	5.2	4.9	5.8	6.5	6.1	4.4	3.9	3.2	2.0	2.2	2.2	2.3	1.8	1.8	2.2	2.4	2.9	3.2	3.4	2.9	3.2	3.54	24	7.3
29	2.9	2.7	2.5	2.4	2.5	2.8	4.2	3.0	2.7	3.0	2.0	1.8	2.5	2.7	2.5	3.2	2.5	1.7	1.8	2.3	1.6	1.5	1.5	1.7	2.41	24	4.7
30	1.4	1.5	1.6	1.7	2.0	2.2	3.0	3.4	3.2	3.2	3.3	3.4	3.1	3.0	3.2	3.4	3.3	3.1	3.7	3.9	3.6	4.0	4.3	3.5	2.98	24	5.4
MEAN	3.8	3.5	3.5	3.5	3.4	3.9	4.7	4.4	4.0	3.8	3.5	3.3	3.3	3.2	3.4	3.8	3.5	3.1	3.2	3.4	3.5	3.8	4.0	3.8	3.64		
NO.	30	29	30	30	30	30	30	30	30	30	30	30	30	29	29	28	28	29	29	30	30	30	30	30		711	
MAX	7.1	7.1	6.9	6.8	6.5	7.6	10.4	9.2	7.4	6.1	5.7	5.3	5.6	6.1	6.3	6.7	7.1	6.8	7.3	6.8	7.0	8.0	7.3	7.7	6.56		12.4

* Indicates Saturday or Sunday
Local standard time used

TABULATED

WED., MAR. 22, 1967

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONCENTRATION IN PPM

FLAME IONIZATION ANALYSIS

ST. LOUIS, MO.

TOTAL HYDROCARBON
OCT. 1966

DAY	AM 12	1	2	3	4	5	6	7	8	9	10	10 11	11 12	PM 12 1	12	1 2	2 3	3 4	4 5	5 6	6 7	7 8	8 9	9 10	10 11	11 12	DAY MEAN	DAY NO. OBS	DAILY MAX
1*	3.2	3.2	2.8	2.8	2.6	2.7	3.0	2.6	2.0	1.5	1.3	1.2		1.7	1.8	1.4	1.3	1.5	1.9	2.4	3.5	4.9	4.5	5.9	3.2		2.61	24	12.0
2*	2.8	2.8	2.6	2.6	2.6	2.8	3.0	3.1								1.3	1.2	1.9	1.3	1.5	1.7	1.8	2.1	2.2	2.2		2.19	18	3.6
3	2.3	2.2	2.4	2.4	2.4	2.7	3.5	3.1	2.3	2.0	1.8	2.7		2.9	2.8	3.2	3.8	3.0	2.4	1.9	1.8	1.7	1.6	1.6	1.4		2.40	24	4.5
4	1.4	1.2	1.2	1.4	1.5	1.7	2.4	2.5				1.3		2.3	1.2	1.9	2.3	1.4	1.3	1.7	1.9	2.1	2.1	2.2	2.2		1.76	21	2.9
5	2.2	2.4	2.5	2.5	2.6	3.1	3.9	3.4	2.2	1.6	1.7	2.0		1.7	1.5	1.4	1.4	1.5	1.6	2.4	2.6	2.8	3.1	3.4	3.4		2.35	24	4.7
6	4.6	6.8	7.0	8.1	7.9	7.6	9.5	9.8	7.3	2.9	1.9	1.7		2.6	3.1	3.3	3.0	3.0	2.0	2.6	2.9	3.0	3.7	2.8	3.0		4.57	24	13.0
7	3.2	2.7	3.0	3.1	3.3	4.1	5.5	4.9	3.2	2.6	3.6	2.8				2.9	2.8	2.1	1.6	2.0	2.6	1.5	1.9	2.1	1.4		2.85	22	6.3
8*	1.3	1.2	1.1	1.2	1.4	1.4	1.6	1.6						1.6	2.4	3.2	3.4	3.7		4.3	3.9	3.2	2.1	1.8	1.3		2.18	19	5.0
9*	1.7	1.5	1.2	1.2	1.4	1.3								2.0	2.3	2.6	2.1	1.3		1.1	0.8	0.7	0.8	0.6	0.7		1.35	17	3.7
10	1.0	1.2	1.2	1.3	1.6	2.2	3.0	3.2		1.6	2.6	1.3		0.6	2.1	1.5	1.5	1.2	1.6	2.0	1.8	1.8	2.0	2.5	1.6		1.75	23	3.5
11	1.5	1.9	2.1	2.1	2.8	3.2		5.5		3.0	2.5	1.9		1.6	2.2	2.0	2.5	2.6	1.9	1.9	1.8	1.6	2.0	1.6	1.5		2.24	22	5.8
12	1.5	1.7	1.6	1.8	1.8	2.4	3.5	4.5	2.2	2.2	2.5	2.4		2.4	2.3	2.7	2.7	2.2	1.5	1.5	0.9	1.2	0.7	1.2	1.0		2.01	24	5.8
13	0.8	0.9	0.8	0.6	0.6	1.3	2.4	1.9	1.9	2.7	2.4	1.8		2.2	2.1	1.7	2.2	1.2	0.6	0.6	0.4	0.4	0.5	0.5	0.4		1.27	24	3.3
14	0.4	0.3	0.2	0.2	0.2	0.5	1.0	1.2	1.5	1.3	2.0	1.6		1.6	1.2	1.4	2.5	1.4	0.8	0.9	0.7	0.3	0.6	1.1	0.9		0.97	24	3.4
15*	0.6	0.4	0.3	0.3	0.4	0.5	0.5	0.5	0.3	0.1	0.1	0.1		0.1			2.0	2.1	2.2	2.2	2.3	2.2	2.3	2.3	2.3		1.08	22	2.5
16*	2.2	2.2	2.2	2.2	2.1	2.2	2.2	2.3	2.2	2.2	2.4	2.6		2.5	2.5	2.5	2.6	2.2	2.2	2.3	2.3	2.3	2.3	2.3	2.3		2.29	24	3.1
17	2.2	2.3	2.7	3.0	3.5	4.1	5.3	5.9	5.4	3.5	2.7	1.9		1.6	1.7	2.2	3.3	3.2	2.6	2.6	2.7	3.2	3.0	2.6	2.6		3.07	24	6.5
18	2.5	2.4	2.4	2.4	2.3	2.5	2.6		2.9	2.9	2.6	2.5		2.6	2.4	2.3	2.7	2.2	2.2	2.1	2.3	2.4	2.5	2.4	2.4		2.44	23	3.4
19	2.2	2.0	2.0	2.0	2.0	2.2	2.7	3.4	3.0	2.7	2.3	2.1		2.0	2.1	2.1	2.1	1.9	2.4	3.1	2.6	2.7	2.9	4.5	4.8		2.56	24	5.1
20	4.2	4.0	3.8	4.0	3.7	4.5	6.2	6.5	4.6	2.6	2.2	2.2		2.0	2.3	3.0	2.9	2.9	3.1	2.8	3.9	2.9	2.9	3.1	3.4		3.43	24	7.3
21	3.8	3.1	2.7	2.5	2.7	3.3	4.0	4.0	3.0	2.0	1.9			2.6	2.4	2.5	2.9	3.0	2.9	2.9	3.2	3.4	3.2	3.3	3.5		2.98	23	6.6
22*	3.3	3.3	3.3	3.3	3.3	3.6	3.8	3.8	3.1	2.0	1.7				1.9	1.8	2.0	2.3	2.7	3.1	3.4	3.6	3.5	3.8	4.1		3.03	22	4.4
23*	3.9	3.8	4.2	4.4	5.5	5.3	5.9	6.4	5.8	3.4	2.7	2.7		2.9	3.1	2.7	2.3	2.3	2.8	3.1	3.3	3.9	4.7	7.7	7.4		4.16	24	9.6
24	6.9	7.8	9.7	7.9	7.5	11.1	12.6	12.4	10.0	6.0	3.5	2.9		3.3	3.0	3.1	2.6	2.5	3.0	3.6	3.8	4.6	4.3	4.4	4.5		5.87	24	14.3
25	4.0	4.2	4.2	4.4	4.4	5.0	5.9	6.1	4.9	3.9	2.6	2.4		2.9	3.0	3.0	3.0	3.1	3.0	3.7	3.9	3.7	4.0	4.3	4.7		3.91	24	6.9
26	5.5	8.4	7.3	6.0	7.9	9.2	11.9	9.7	6.1	4.6	3.0	3.2		3.1	3.0	3.1	4.1	4.0	3.5	3.9	3.8	4.1	5.2	4.4	4.0		5.36	24	13.4
27	4.1	4.8	4.3	4.1	4.5	5.1	7.1	7.7	4.9	3.5	3.1	3.8		4.4	3.8	3.4	3.5	3.8	3.1	2.9	3.2	3.8	4.3	5.0	3.6		4.23	24	9.0
28	3.9	3.7	3.8	3.8	4.0	4.8	6.5	6.9	4.9	3.8	4.0	3.6				4.7	5.0	5.2	4.5	6.5	7.7	3.8	3.7	3.5	3.0		4.60	22	9.6
29*	2.8	2.9	3.0	3.2	3.3	3.5	3.7	3.9	3.7	3.9	3.6	3.7		3.4	3.3	3.1	3.2	3.4	3.9	4.2	4.5	4.5	4.2	4.2	4.1		3.62	24	4.7
30*	3.8	3.7	3.7	3.7	3.6	3.6	3.6	3.9	3.8	2.8	2.2	2.0		2.5	2.3	2.3	2.6	2.8	3.1	3.4	3.6	3.5	4.1	3.6	4.1		3.24	24	4.4
31	4.2	4.2	4.2	4.5	4.8	4.2	4.7	5.2	5.5	5.3	4.4	3.6		3.0	2.6	2.6	2.8	3.1	2.9	2.7	2.9	3.1	3.2	3.2	3.5		3.75	24	5.8
	2.8	3.0	3.0	3.0	3.2	3.6	4.5	4.7	3.9	2.8	2.5	2.3		2.3	2.3	2.5	2.7	2.5	2.4	2.6	2.8	2.7	2.8	3.0	2.8		2.94		
	31	31	31	31	31	31	29	29	25	27	27	26		25	27	30	31	31	31	31	31	31	31	31	31			710	
	6.9	8.4	9.7	8.1	7.9	11.1	12.6	12.4	10.0	6.0	4.4	3.8		4.4	3.8	4.7	5.0	5.2	4.5	6.5	7.7	4.9	5.2	7.7	7.4		5.87		14.3

* Indicates Saturday or Sunday
Local standard time used

WED., MAR. 22, 1967

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of [illegible] and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONCENTRATION IN PPM
FLAME IONIZATION ANALYSIS

ST. LOUIS, MO.

TOTAL HYDROCARBON
NOV. 1966

DAY OF MONTH	AM 1	AM 2	AM 3	AM 4	AM 5	AM 6	AM 7	AM 8	AM 9	AM 10	AM 11	AM 12	PM 1	PM 2	PM 3	PM 4	PM 5	PM 6	PM 7	PM 8	PM 9	PM 10	PM 11	PM 12	DAY MEAN	NO. OF HRS	5 MIN MAX
1	3.5		3.4	3.3	3.2	3.2	3.4	3.4	3.5	3.6	3.5	3.4	3.4	3.3	3.2	3.4	3.4	3.4	3.1	3.0	2.9	2.8	2.8	2.9	3.23	23	4.0
2	2.7	2.6	2.6	2.6	2.5	4.6	2.6	2.9	2.6	2.5	2.5	2.5	2.4	2.4	2.5	2.5	2.7	2.6	2.3	2.3	2.2	2.2	2.2	2.3	2.48	24	3.2
3	2.2	2.1	2.1	2.1	2.1	2.1	2.3	2.7	2.6	2.4	2.3	2.3	2.1	2.0	2.1	2.5		3.4	3.1	3.4	3.6	3.3	3.3	3.4	2.58	23	4.1
4	3.9	4.0	3.1	3.6	3.0	2.7	3.5	4.6	4.2	3.6	3.1	2.7	2.3	2.1	2.3	2.3	2.5	2.6	2.5	2.7	2.6	2.6	2.4	2.5	2.96	24	5.5
5*	2.4	2.3	2.2	2.1	2.2	2.3	2.2	2.6	3.0	3.3	3.0	2.4	2.2	2.0	2.1	2.4	2.5	2.7	2.5	2.9	2.7	2.6	3.2	3.1	2.53	24	3.9
6*	2.8	2.6	2.3	2.4	2.3	2.2	2.2	2.5	2.4	2.4	2.5	2.4	2.4	2.5	2.3	2.1	3.1	2.5	2.3	2.6	3.5	4.5	2.	7.8	2.50	24	5.4
7	2.4	2.4	2.7	2.7	2.3	2.3	2.2	3.1	2.9	2.2	2.3	2.4	2.1	2.3	2.3	2.5	2.8	2.7	1.8	1.7	1.7	1.7	1	7	2.27	24	3.5
8	1.5	1.5	1.4	1.4	1.5	1.6	1.8	2.7	2.8	2.7	2.5	2.1	2.1	2.2	2.2	2.8	3.6	2.8	1.8	1.6	2.2	1.6	1.	5	2.05	24	3.9
9	1.5	1.4	1.5	1.5	1.6	1.6	2.0	3.4	3.1	2.5	2.3	2.6			2.8	3.3	3.5	3.4	2.6	3.0	2.3	2.5	2.6	2.	2.44	22	4.4
10	2.7	2.6	2.6	2.6	2.5	2.5	2.7	2.9	3.1	3.5	3.1	2.8	2.7	2.6	3.0	3.2	3.6	4.1	3.5	3.7	5.1	4.6	3.8	3.5	3.19	24	5.5
11	3.3	3.2	3.4	3.3	3.1	3.1	3.5	3.9	3.8	3.3	2.6	2.2	1.9	1.9	2.6	2.9	3.3	3.7	3.4	3.8	3.9	3.9	3.6	4.2	3.24	24	4.6
12*	4.8	4.2	3.3	3.1	2.9	2.9	2.9	3.0	3.1	3.1	3.1	3.1	3.1	3.0	3.2	3.3	3.4	3.2	3.4	3.3	3.2	3.1	3.1	3.3	3.24	24	5.1
13*	3.1	3.1	3.0	3.0	3.1	3.0	3.1	3.2	3.1	3.1	2.7	2.6	2.3	2.2	2.4	2.8	3.2	3.5	3.8	4.1	4.6	5.0	5.6	5.6	3.37	24	6.5
14	7.3	6.3	8.2	6.4	7.3	8.0	9.3	11.9	11.9	10.9	7.8	4.6	3.8	3.4	3.3	3.6	5.2	6.9	5.8	5.4	4.7	7.2	4.4	4.2	6.56	24	13.0
15	4.6	5.4	5.0	4.2	3.8	4.1	4.6	5.9	6.2	5.1	4.4	3.0	2.9	2.5	2.5	2.7	4.3	5.4	3.8	3.4	3.5	3.4	3.4	3.4	4.05	24	7.4
16	3.5	3.5	3.7	3.7	3.5	3.4	3.6	5.1	4.9	3.4	2.8	2.5	2.2	2.1	2.2	2.6	3.1	3.6	3.0	3.3	3.3	3.2	3.0	3.1	3.26	24	6.0
17	3.1	3.0	3.0	3.1	3.1	3.1	3.3	4.2	4.1	3.3	2.6	2.2	2.3	2.2	2.9	2.8	3.0	3.7	2.5	3.2	3.3	2.8	3.0	3.4	3.03	24	4.5
18	3.5	3.1	3.0	3.0	3.2	3.2	3.3	3.6	3.6	3.5	2.8	2.3		2.6	3.3	3.8	3.8	3.8	3.6	3.5	3.5	3.3	3.3	3.5	3.31	23	4.0
19*	3.4	3.5	3.4	3.4	3.5	3.5	3.6	3.7	3.6	3.3	2.7	2.4	2.2	2.3	2.8	3.0	3.5	3.7	3.9	3.9	3.9	3.8	3.9	3.8	3.34	24	4.1
20*	3.8	3.9	3.7	3.6	3.6	3.6	3.7	4.1	3.7	3.5	2.9	2.3	2.0	1.9	2.2	2.6	3.0	3.2	3.2	3.1	3.1	3.1	3.2	3.3	3.16	24	4.3
21	3.6	3.6	3.5	3.5	3.5	3.5	3.9	4.6	5.0	4.6	4.4	3.8	3.4	3.3	3.0	2.9	3.2	3.8	3.2	3.0	2.9	3.1	3.0	2.9	3.52	24	5.4
22	2.7	2.8	2.7	2.7	2.6	4.6	2.7	3.0	3.1	2.9	2.7	2.5	2.3	2.3	2.3	2.8	3.0	3.2	2.7	4.4	2.1	2.0	2.1	2.0	2.57	24	3.4
23	1.9	1.9	2.0	1.8	1.9	1.9	2.0	2.5	2.9	2.6	2.4	2.3	2.4		3.2	3.4	3.3	3.5	3.0	3.0	2.9	3.1			2.55	21	3.8
24																											
25																											
26*																											
27*																											
28																											
29	3.6	3.6	3.5	3.6	3.5	3.6	3.7	3.8	3.9	4.0	3.8	3.7	3.5	3.6	4.1	4.2	4.1	4.0	3.8	3.8	3.8	3.8	3.8	3.8	3.76	24	4.4
30	3.8	3.8	3.9	3.8	3.9	3.9	4.0	4.2	4.2	4.3	4.4	4.3	4.1	4.0	4.1	4.2	4.5	4.5	4.3	4.1	4.1	4.1	3.9	3.8	4.08	24	4.7
MEAN	3.3	3.2	3.2	3.0	3.0	3.0	3.3	3.9	3.9	3.6	3.2	2.8	2.6	2.6	2.7	3.0	3.4	3.6	3.1	3.2	3.3	3.2	3.1	3.2	3.18		
NO.	25	24	25	25	25	25	25	25	25	25	25	25	23	23	25	25	24	25	25	25	25	25	24	24		592	
MAX	7.3	6.3	8.2	6.4	7.3	8.0	9.3	11.9	11.9	10.9	7.8	4.6	4.1	4.0	4.1	4.2	5.2	6.9	5.8	5.4	5.1	7.2	5.6	5.6	6.56		13.0

WED., MAR. 22, 1967

* Indicates Saturday or Sunday
Local standard time used

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONCENTRATION IN PPM

FLAME IONIZATION ANALYSIS

ST. LOUIS, MO.

TOTAL HYDROCARBON
DEC. 1966

DAY OF MONTH	12-1 AM	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1 PM	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS	5 MIN MAX
1	3.7		3.7	3.7	3.8	3.7	3.7	3.9	4.0	4.0	4.0	3.9	4.0	3.9	3.9	3.9	4.1	4.2	4.0	3.8	3.8	3.8	3.8	3.8	3.86	23	4.5
2	3.8	3.7	3.8	3.8	3.8	3.8	3.9	4.1	4.2	4.3	4.4	4.2	4.2	4.3	4.2	4.3	4.5	4.7		2.5	2.5	2.5	2.6	2.5	3.75	23	4.9
3*	2.6	2.6	2.6	2.7	2.7	2.5	2.5	2.7	2.7	2.8	2.8	3.0	3.0	2.8	2.6	2.6	2.7	2.6	2.3	2.4	2.4	2.4	2.4	2.3	2.60	24	3.0
4*	2.3	2.3	2.3	2.3	2.2	2.2	2.1	2.1	2.1	2.1	2.2	2.1	2.2	2.2	2.3	2.3	2.2	2.3	2.3	2.2	2.2	2.1	2.1	2.1	2.19	24	2.6
5	2.1	2.1	2.0	1.9	1.9	2.0	2.2	2.8	3.6	3.5	3.5	3.3	3.1	2.9	2.6	2.7			2.6	2.0	1.9	1.9	1.8	1.8	2.45	22	3.7
6	1.8	1.6	1.7	1.7	1.8	1.7	1.7	2.0	2.3	2.2	2.1	2.1	2.1	2.1	2.1	2.3	2.5	2.9	2.1	1.8	1.7	1.6	1.5	1.7	1.94	24	3.1
7	1.6	1.5	1.5	1.4	1.6	1.5	1.5	1.9	2.2	2.4	2.3	2.0	2.4	1.9					2.5	2.4	2.3	2.0	2.1	2.0	1.94	20	2.8
8	1.9	1.7	1.6	1.6	1.5	1.6	1.9	2.4	2.9	2.4	2.7	2.8	3.2	2.5	2.3	2.4	2.3	2.5	2.3						2.21	19	3.7
9																											
10*	1.6	1.6	1.5	1.5	1.5	1.5	1.5	1.6	1.7	1.9	1.8		2.1	2.1											1.69	13	2.3
11*																											
12	2.2	2.2	2.1	2.0	1.8	1.8	2.0	2.4	2.6					1.5	1.6	1.8	2.1	2.1	1.7	1.6	1.5	1.5	1.4	1.5	1.84	20	3.2
13	1.4	1.4	1.3	1.2	1.3	1.4	1.8	2.1	2.4	2.3	2.1	2.3	2.1	2.2	2.4	2.4	3.7	3.9	2.3	2.2	2.1	2.0	1.9	2.2	2.09	24	5.6
14	1.7	1.9	1.8	1.6	1.5	1.6	2.1	4.4	3.7	2.7	2.2	2.2	2.2	2.1	2.1	2.4	3.5	3.4	2.4	2.5	2.1	1.8	1.7	2.1	2.31	24	5.3
15	2.1	2.0	2.7	2.4	2.0	1.9	2.3	3.6	3.3	2.9	2.9			3.1	2.9	2.8	4.4	5.0	3.1	2.5	2.6	3.3	3.6	3.4	2.93	22	6.5
16	3.6	2.7	2.6	2.9	2.8	2.8	2.7	3.2	3.5	3.5	3.9	4.0	4.0	3.4	3.4	3.9	3.9	4.4	3.9	3.8	4.2				3.47	21	4.8
17*																											
18*	2.5	2.6	2.4	2.4	2.7	2.7	2.8	2.8	2.7	2.1	2.0	2.0	1.8	1.5	1.6	1.8	2.3	2.6	2.9	3.6	4.3	3.4	2.5	2.5	2.51	24	4.5
19	2.0	1.9	1.9	1.7	1.8	1.9	2.3	3.1	3.6	3.7	3.2	2.9	2.5	2.4	2.2	2.2	2.5	2.5	2.0	1.6	1.6	1.7	1.6	1.6	2.26	24	3.8
20	1.6	1.5	1.6	1.5	1.5	1.5	1.7	1.9	2.0	2.3	2.1	2.0	1.9	1.9	2.1	2.2	3.1	3.7	2.8	2.2	2.1	2.4	2.5	2.3	2.09	24	3.9
21	2.0	1.9	1.8	1.9	1.9	1.9	2.2	3.6	4.0	3.9	3.3	3.7	2.6	2.9	2.4	2.3	2.7	3.0	2.7	2.8	2.9	2.7	2.4	2.1	2.64	24	6.0
22	2.1	2.1	2.1	2.0	1.9	2.0	2.0	2.2	2.2	2.1	2.3	2.4				2.3									2.13	13	3.0
23																											
24*																											
25*																											
26																											
27																											
28																											
29																											
30																											
31*																											
MEAN	2.2	2.1	2.1	2.1	2.1	2.1	2.3	2.8	2.9	2.8	2.8	2.8	2.7	2.5	2.5	2.6			2.6	2.5	2.5				2.50		
NO.	19	18	19	19	19	19	19	19	19	18	18	16	16	18	16	17	15	15	16	16	16	15	15	15		412	
MAX	3.8	3.7	3.8	3.8	3.8	3.8	3.9	4.4	4.2	4.3	4.4	4.2	4.2	4.3	4.2	4.3	4.5	5.0	4.0	3.8	4.3	3.8	3.8	3.8	3.86		6.5

* Indicates Saturday or Sunday
Local standard time used

TABULATED

WED., MAR. 22, 1967

D-67

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U.S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONCENTRATION IN PPM

POTASSIUM IODIDE ANALYSIS

ST. LOUIS, MO.

TOTAL OXIDANT
JAN. 1966

DAY OF MONTH	AM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	PM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5 MIN MAX
1*	.01	.01		.00	.01	.01	.01	.01	.01	.01	.01	.01	.01	.02	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.010	22	.03
2*	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.02	.02	.01			.01	.01	.01	.01	.01	.01	.01	.01	.011	21	.02
3	.01	.01	.00	.00	.00	.00	.01	.01	.02	.01	.00		.00	.00	.01	.02	.03	.02	.01	.00	.00	.00	.01	.01	.007	23	.04
4	.01	.01	.01							.01	.00		.00	.00	.00	.00	.03	.02	.01	.00	.01	.00	.01	.01	.007	17	.05
5	.01	.01	.02	.01	.01	.03	.08	.05	.06	.05	.02		.02	.01	.00	.00	.03	.02	.01	.02	.01	.01	.01	.01	.021	23	.10
6	.01	.00	.00	.00	.00	.00	.00	.01	.00	.01	.02		.02				.01	.01	.00	.01	.02	.01	.01	.01	.007	20	.03
7	.01	.01	.01	.00	.00	.00	.01	.01	.01	.01	.01		.01	.01	.01	.01	.01	.00							.007	17	.02
8*																											
9*	.01	.00	.01	.00	.00	.00	.00	.01	.01	.01	.01		.02	.02	.01	.01	.01	.02	.02	.02	.02	.01	.01	.01	.010	23	.03
10	.01	.01	.01	.01	.01	.01	.01	.02	.02	.02									.02	.02	.02	.02	.01	.01	.014	16	.03
11	.02	.01	.01	.01	.01	.01	.03	.02	.02	.02	.02		.03	.03	.04	.03	.03	.03	.01	.02	.02	.02	.02	.02	.020	23	.04
12	.01	.01	.01	.01	.01	.02	.04	.03	.04	.02								.02	.02	.01	.01	.01	.01	.01	.017	17	.06
13	.01	.01	.01	.01	.01	.01	.01	.01	.01	.02	.02		.02	.02	.02	.02	.02	.01	.02	.01	.01	.01	.03	.03	.015	23	.04
14	.03	.02	.01	.01	.01	.02	.03	.02	.03	.02	.01		.02	.02	.03	.04	.04	.03	.03	.03	.02	.02	.02	.02	.022	23	.07
15*	.06	.05	.01	.02	.02	.02	.01	.02	.02	.02	.02		.02	.02	.03	.02	.02	.02	.01	.01	.01	.01	.01	.01	.020	23	.14
16*	.01	.01	.02	.02	.01	.01	.01	.00	.00	.01	.01		.01	.01	.01	.01	.01	.01	.01	.00	.01	.00	.00	.00	.008	23	.02
17	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01		.02	.01	.02	.01	.01	.01	.01	.01	.01	.01	.01	.01	.010	23	.02
18	.01	.00	.00	.00	.00	.00	.00	.00	.00		.01		.02	.02	.02	.02	.02	.02	.01	.01	.01	.01	.01	.01	.010	21	.02
19	.01	.01	.01	.01	.01	.01	.02	.02	.02	.01	.01		.02	.02	.02	.02	.02	.01	.01	.01	.01	.01	.01	.01	.013	23	.04
20	.01	.01	.01	.00	.00	.01	.01	.02	.01	.01	.01		.02	.02	.03	.03	.03	.03	.02	.02	.01	.01	.01	.01	.014	23	.04
21	.01	.01	.01	.01	.01	.01	.03	.03	.02	.02	.02		.01	.01	.01	.02	.02	.02	.01	.01	.01	.01	.01	.01	.013	23	.04
22*	.01	.01	.01	.00	.00	.01	.01	.01	.01	.01	.02		.01			.02	.02	.02	.01	.01	.01	.01	.02	.02	.012	21	.02
23*	.02	.02	.02	.02	.02	.01	.01	.01	.01	.01	.01		.02	.02	.02	.02	.01	.01	.00	.00	.00	.00	.00	.00	.012	23	.03
24	.00	.01	.01										.00	.00	.00	.00	.01	.01	.01	.01	.01	.01	.01	.00	.005	15	.02
25	.00	.00	.00	.01	.00	.00	.00	.00	.00	.00	.00		.00	.00	.00	.01	.02	.02	.01	.00	.00	.00	.00	.00	.004	23	.03
26	.00	.00	.00	.00	.00	.00	.01	.00	.00	.01	.02		.02	.02	.02	.02	.02	.01	.01	.02	.02	.03	.02	.01	.010	23	.04
27	.01	.01	.01	.01	.01	.01	.02	.01	.01	.01	.01								.01	.00	.00	.01	.00	.00	.008	17	.02
28	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		.00	.00	.00		.01	.00	.00	.00	.00	.01	.01	.01	.001	22	.01
29*	.00	.00	.01	.01	.01	.01	.01	.00	.00	.00	.01		.01	.02	.01	.01	.01	.01	.00	.00	.01	.01	.01	.01	.006	23	.02
30*	.01	.01	.01	.01	.01	.01	.01	.01	.02	.01	.01		.01	.02	.03	.02	.01	.01	.00	.00	.00	.00	.00	.00	.009	23	.04
31	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		.00	.00	.01	.02	.01	.01	.01	.01	.01	.01	.01	.01	.004	23	.02
MEAN	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01		.01	.01	.01	.02	.02	.01	.01	.01	.01	.01	.01	.01	.011		
NO	30	30	29	28	28	28	28	28	27	28	27		27	25	24	24	27	28	29	29	29	29	29	29		640	
MAX	.06	.05	.02	.02	.02	.03	.08	.05	.06	.05	.02		.03	.03	.04	.04	.04	.03	.03	.03	.02	.03	.03	.03	.022		.14

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TABULATED WED., MAR. 22, 1967

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONCENTRATION IN PPM

POTASSIUM IODIDE ANALYSIS

ST. LOUIS, MO.

TOTAL OXIDANT
FEB. 1966

DAY	AM 12-1	AM 1-2	AM 2-3	AM 3-4	AM 4-5	AM 5-6	AM 6-7	AM 7-8	AM 8-9	AM 9-10	AM 10-11	AM 11-12	PM 12-1	PM 1-2	PM 2-3	PM 3-4	PM 4-5	PM 5-6	PM 6-7	PM 7-8	PM 8-9	PM 9-10	PM 10-11	PM 11-12	DAILY MEAN	NO. OF HRS	DAILY MAX
1	.01	.01		.00	.00	.00	.01	.01	.00	.00	.00	.00	.00	.01	.01	.01	.01	.01	.01	.00	.01	.01	.01	.01	.006	22	.02
2	.01	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.02	.02	.03	.02	.01	.01	.01	.01	.00	.01	.01	.008	23	.03
3	.01	.01		.00	.00	.00	.01	.00	.00	.00	.00	.00		.01	.02	.02	.02	.02	.01	.02	.02	.02	.02	.02	.009	22	.04
4	.02	.02		.02	.02	.01	.01	.00	.00	.00	.01	.01	.02				.02	.01	.00	.00	.01	.00	.00	.01	.010	20	.02
5*	.02	.02		.01	.01	.01	.01	.01	.02	.01	.01	.03	.02	.03	.04	.04	.03	.04	.03	.02	.02	.02	.02	.03	.021	23	.05
6*	.02	.02		.02	.02	.02	.02	.02	.03	.02	.03	.03	.04	.04	.05	.05	.03	.04	.04	.04					.030	20	.05
7								.06	.05	.04	.03	.02	.01	.01	.02	.02	.02	.02	.01	.01	.01	.01	.01	.02	.021	17	.08
8	.01	.01									.02	.01	.02	.02	.02	.02	.03	.03	.02	.02	.02	.02	.02	.02	.019	16	.06
9	.02	.03		.02	.02	.01	.02	.04	.03	.02	.02	.02	.02	.02	.02	.02	.01	.01	.01	.02	.02	.02	.01	.01	.018	23	.06
10	.01	.01		.02	.02	.02	.02	.05	.05	.04	.03	.02	.02									.00	.00	.01	.020	15	.07
11	.01	.01		.01	.01	.01	.01	.02	.02	.02	.03	.03	.04						.02	.03	.03	.03	.04	.06	.023	18	.09
12*	.05	.05		.03	.03	.02	.03	.04	.04	.04	.03	.03	.04	.04	.03	.03	.03	.03	.02	.02	.02	.02	.01	.02	.029	23	.06
13*	.02	.01				.01	.01	.01	.01							.03	.02	.02	.01	.01	.01	.01	.01	.01	.012	15	.04
14	.02	.02		.02	.01	.01	.01	.02	.02	.02	.01	.01	.01	.01	.01	.02	.01	.01	.01	.01	.02	.03	.03	.02	.015	23	.04
15	.02	.01		.00	.01	.01	.03	.06	.06	.03	.02	.01	.01	.01	.01		.03	.03	.02	.01	.02	.01	.02	.02	.021	22	.10
16	.02	.02		.01	.01	.01	.01	.02	.02	.02	.02	.02	.02	.02			.02	.02	.01	.01	.01	.01	.01	.01	.015	21	.03
17	.01	.01		.01	.00	.00	.00	.02	.01	.02	.01	.01	.01					.01	.02	.02	.01	.02	.01	.00	.010	19	.04
18	.01	.01		.01	.01	.01	.01	.03	.02	.01	.02		.02	.03	.03	.03	.03	.03	.02	.02	.02	.02	.02	.01	.019	22	.04
19*	.01	.01			.01	.01	.00	.01	.01	.01	.01	.01	.01	.01	.01	.02	.02	.02	.02	.01	.01	.01	.01	.01	.011	22	.02
20*	.02	.01			.00	.00	.00	.00	.00	.01	.01	.01	.02	.02	.02	.01	.00	.01	.02	.01	.01	.01	.01	.02	.009	22	.03
21	.02	.01	.01	.01	.01	.01	.01	.02	.01	.01	.02	.02	.02	.01		.00	.00	.00							.010	17	.03
22																											
23	.01	.01			.01	.00	.01	.01	.02	.01	.01	.01	.02	.02	.03	.02	.02	.03	.02	.01	.02	.02	.01	.01	.015	22	.03
24	.01	.01			.00	.00	.01	.01	.02	.02	.01	.02			.03	.03	.03	.03	.03	.03	.02	.02	.02	.03	.018	20	.04
25	.02	.01		.01	.01	.00	.01	.02	.02	.03	.03	.04				.04	.04	.03	.02	.02	.02	.02	.02	.02	.021	20	.04
26*	.01	.01		.01	.01	.01	.01								.04	.04	.03	.03	.03	.02	.02	.01	.02	.02	.020	16	.05
27*	.02	.02		.03	.03	.02	.02	.01	.02	.02	.02	.02	.02	.02	.02	.02	.02	.03	.02	.02	.02	.01	.01	.02	.019	23	.03
28	.02	.02		.02	.02	.02	.02	.04	.03	.03	.02	.02	.02	.02	.02	.02	.01	.01	.01	.01	.01	.01	.02	.01	.018	23	.07
MEAN	.01	.01		.01	.01	.01	.01	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.01	.01	.02	.017		
NO.	26	26	1	19	24	25	25	25	25	24	25	24	22	19	19	21	24	25	25	25	25	25	25	25		549	
MAX	.05	.05	.01	.03	.03	.02	.03	.06	.06	.04	.03	.04	.04	.04	.05	.05	.04	.04	.04	.04	.04	.03	.04	.06	.030		.10

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TABULATED WED., MAR. 22, 1967

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

ST. LOUIS, MO.

TOTAL OXIDANT
MARCH 1966

CONCENTRATION IN PPM

POTASSIUM IODIDE ANALYSIS

DAY OF MONTH	AM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	PM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS	5 MIN. MAX
1	.01	.01		.01	.01	.01	.01	.02	.03	.03	.03	.03	.03	.03			.03	.03	.02	.01	.01	.02	.01	.03	.019	21	.06
2	.02	.02		.02	.02	.02	.02	.05	.03	.03	.03	.03	.04	.04	.04	.04	.04	.04	.04	.03	.04	.03	.02	.03	.031	23	.09
3	.03	.03		.02	.02	.03	.03	.05	.04	.04	.03	.03	.03	.02	.03	.03	.04	.03	.02	.03	.03	.02	.02	.03	.029	23	.07
4	.02	.02		.03	.03	.03	.03	.03	.03	.03	.03					.03	.03	.02	.02	.02	.01	.01	.01	.02	.023	19	.04
5*	.02	.02		.03	.03	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.03	.03	.03						.023	18	.03
6*																											
7	.02	.02		.02	.02	.01	.01	.01	.02	.02	.02	.03	.03	.03	.03	.03	.03	.02	.02	.02	.02	.02	.02	.01	.021	23	.04
8	.01	.01		.02	.02	.02	.02	.04	.03	.03	.03	.02	.04	.04	.04	.03	.04	.06	.02	.02	.02	.02	.02	.02	.026	23	.10
9	.02	.02		.02	.02	.01	.02	.05	.04	.03	.03	.03	.02	.02	.03	.03	.05	.04	.03	.03	.01	.01	.02	.02	.025	23	.07
10	.02	.02		.01	.01	.01	.02	.06	.06	.04	.03	.03	.05							.03	.04	.05	.04	.04	.033	17	.09
11	.04	.04		.03	.03	.03	.05	.08	.05	.06	.05	.06	.06								.05	.04	.05	.04	.048	16	.12
12*	.04	.04		.03	.03	.03	.03	.05	.04	.05	.05	.05	.05	.05	.05	.04	.03	.03	.03	.03	.03	.03	.03	.03	.037	23	.06
13*	.03	.03		.03		.03	.02	.03	.03	.04	.04	.04	.04	.05			.05	.03	.03	.03	.03	.03	.02	.03	.032	20	.05
14	.03	.03		.04	.03	.03	.04	.06	.08	.05	.06	.05	.06	.06	.06	.07	.08	.06	.03	.03	.03	.04	.05	.06	.048	23	.11
15	.03	.03		.03	.03	.03	.03	.06	.06	.06	.08	.08	.08	.07	.07	.07	.06	.05	.04	.04	.04	.04	.04	.04	.050	23	.10
16	.04	.04		.04	.04	.04	.08	.11	.11	.09	.09	.09	.09	.08	.08	.07	.07	.06	.04	.04	.03	.04	.04	.03	.061	23	.13
17	.03	.03		.03	.03	.03	.04	.09	.08	.08	.08	.07				.06	.05	.04	.04	.03	.03	.03	.03	.03	.046	20	.12
18	.03	.03		.04	.05	.04	.04	.05	.07	.08	.07		.06	.05	.05	.04	.04	.03	.03	.02	.02	.02	.03	.03	.043	22	.09
19*	.03	.04		.04	.03	.03	.04	.06	.08	.09	.09	.09	.09	.09	.08	.07	.07	.06	.04	.03	.03	.03	.03	.03	.055	23	.10
20*	.04	.07		.03	.03	.04	.03	.04	.06	.07	.07	.07	.07	.07	.07	.08	.08	.07	.08	.10	.03	.04	.05		.059	22	.12
21																											
22	.04	.04			.05	.05	.06	.07	.07	.08	.09	.09	.10	.09	.09	.09	.08	.08	.06	.06	.06	.06	.06	.06	.068	22	.11
23	.09	.09		.06	.05	.05	.05	.05	.05	.05	.06	.07	.07	.08	.07	.06	.06	.05	.05	.05	.05				.060	20	.10
24																											
25	.01	.01		.01	.01	.02	.02	.04	.02	.02	.01	.01	.03	.03	.03	.02	.02	.02	.02	.01	.01	.02	.02	.03	.018	23	.06
26*	.03	.04		.04	.03	.03	.03	.03	.04	.04	.04	.04	.03	.03	.03	.04	.03	.03	.04	.03	.03	.02	.02	.02	.032	23	.04
27*	.02	.01		.02	.02	.02	.02	.02	.03	.03	.04	.05	.06	.06	.06	.06	.06	.04	.04	.04	.04	.04	.03	.03	.035	23	.07
28	.03	.03		.01	.01	.01	.02	.03	.02	.02	.03	.02	.01	.00	.00	.00	.01	.01	.01	.02	.02	.02	.02	.02	.015	23	.05
29	.03	.03		.03	.04					.04	.04	.05	.04	.04	.05	.06	.05	.04	.04	.04	.03	.03	.02	.02	.038	19	.06
30	.03	.03		.03	.03	.03	.02	.03	.03	.04	.04	.04	.05	.05		.04	.04	.03	.03	.02	.02	.02	.02	.02	.031	22	.05
31	.02	.02		.02	.02	.01	.02	.05	.04	.04	.04	.04					.04	.05	.03	.04	.03	.04	.03	.03	.032	19	.09
MEAN	.03	.03		.03	.03	.03	.03	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.04	.03	.03	.03	.03	.03	.03	.037		
NO.	28	28		27	27	27	27	27	27	28	28	26	25	23	20	23	26	26	26	26	27	26	26	25		599	
MAX	.09	.09		.06	.05	.05	.08	.11	.11	.09	.09	.09	.10	.09	.09	.09	.08	.08	.08	.10	.06	.06	.06	.06	.068		.13

* Indicates Saturday or Sunday
Local standard time used

TABULATED

WED., MAR. 22, 1967

CONTINUOUS AIR MONITORING PROGRAM

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

ST. LOUIS, MO.

TOTAL OXIDANT
APRIL 1966

POTASSIUM IODIDE ANALYSIS

	AM												PM								
	12	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6		
1	.04	.04	.04	.04	.04	.03	.03	.03	.04	.04	.04	.04	.03			.02	.02	.02	.01	.02	.02	.01	.02	.030	21	.05
2*																										
3*			.02	.01	.00	.00	.02	.03	.02	.02	.03	.03	.04	.03	.04	.04	.04	.03	.03	.02	.02	.02	.02	.02	.023	21	.04
4	.02	.02	.02	.02	.01	.01	.03	.03	.04	.04	.05	.04	.04	.04	.04	.04	.03	.03	.02	.02	.02	.02	.02	.02	.028	23	.05
5	.02	.01	.02	.02	.02	.02	.03	.04	.04	.04	.03	.03	.03	.03	.03	.03	.03	.02	.02	.02	.02	.02	.02	.02	.025	23	.04
6	.02	.03	.02	.02	.02	.03	.04	.03	.04	.04	.04	.05	.05	.05	.04	.04	.03	.02	.02	.01	.01	.02	.01	.029	23	.06
7	.01	.01	.03	.02	.01	.01	.05	.05	.06	.06	.06	.06	.06	.06	.05	.05	.04	.03	.03	.02	.01	.01	.01	.034	23	.06
8	.01	.01	.04	.05	.03	.03	.04	.04	.04	.05	.06	.05	.06					.02	.02	.02	.03	.03	.03	.034	19	.09
9*	.03	.03	.03	.02	.02	.02	.04	.05	.06	.06	.06	.07	.07	.07	.06	.06	.05	.03	.02	.02	.00	.01	.00	.038	23	.08
10*	.01	.00	.04	.04	.04	.05				.07	.07	.07	.07					.03			.04	.02	.04	.042	14	.09
11	.05	.05						.04	.02	.04	.04	.04	.04	.04	.04	.04	.03	.02	.02	.01	.01	.02	.03	.031	18	.06
12	.02	.02	.02	.02	.02	.03	.04	.03	.03	.03	.04	.04	.04							.03	.03	.03	.02	.027	17	.06
13	.03	.02	.02	.02	.03	.03	.05	.04	.03	.03	.04	.04	.04	.04	.03	.03	.04	.03	.03	.02	.03	.03	.03	.031	23	.07
14	.02	.02	.01	.00	.01	.02	.03	.01	.01	.00	.00	.01	.02	.04	.03	.03	.04	.05	.04	.03	.03	.04	.04	.022	23	.07
15	.04	.03	.04	.03	.04	.06	.08	.07	.06	.05	.04	.04							.06	.07	.08	.06	.06	.054	17	.11
16*	.05	.07	.06	.05	.05	.05	.07	.07	.07	.07	.07	.08	.08	.08	.08	.06	.07	.07	.07	.05	.05	.05	.05	.044	23	.10
17*	.04	.04	.04	.04	.04	.06	.07	.08	.09	.09	.10	.10	.10	.10	.10	.10	.10	.07	.07	.06	.05	.06	.05	.071	23	.12
18	.05	.05	.05	.04	.04	.05	.06	.06	.06	.05	.05	.05	.06	.06	.05	.05	.05	.05	.05	.04	.04	.04	.04	.049	23	.08
19	.04	.03	.04	.03	.03	.04	.06	.05	.05	.05	.05	.05	.05	.05	.05	.04	.04	.04	.04	.04	.03	.03	.05	.042	23	.07
20	.04	.03	.04	.03	.04	.04	.06	.05	.05	.05	.04	.04	.05	.06	.04	.04	.05	.03	.03	.03	.03	.03	.03	.039	23	.07
21	.03	.03	.04	.04	.03	.04	.05	.06	.04	.03						.04	.04	.03	.04	.05	.04	.04	.04	.04	.039	19	.06
22	.04	.04	.03	.03	.03	.05	.06	.06	.07	.06	.05	.06	.06	.08	.07	.07	.06	.05	.05	.05	.04	.05	.04	.051	23	.09
23*	.05	.04	.04	.04	.04	.04	.05	.04	.05	.05	.05	.05	.04	.05	.05	.05	.05	.04						.045	18	.06
24*																										
25	.09	.09	.04	.04	.06	.09	.10	.07	.07	.06	.05	.04	.04	.03	.05	.05	.06	.04	.04	.04	.04	.04	.03	.053	23	.17
26	.03	.03	.03	.03	.03	.04	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.04	.04	.05	.05	.05	.05	.05	.044	23	.06
27	.05	.05	.04	.04	.04	.04	.06	.04	.05	.04	.04	.06	.07	.05	.05	.05	.05	.04	.03	.03	.03	.03	.04	.044	23	.07
28	.06	.04	.03	.03	.02	.03	.03	.03	.04	.04	.05	.05	.05	.05	.05	.05	.04	.02	.02	.03	.03	.03	.02	.02	.035	23	.06
29	.02	.03		.03	.03	.04	.04	.03				.05	.06	.06	.06	.06	.07	.06	.05	.07	.04	.04	.04	.045	19	.08
30*	.04	.03	.04	.03	.03	.04	.04	.04	.05	.05	.04	.04	.04			.05	.05	.05	.05	.05	.04	.04	.04	.041	21	.06
	.03	.03	.03	.03	.03	.04	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.04	.04	.04	.03	.03	.03	.03	.040		
	27	27	26	27	27	27	26	27	26	27	26	27	26	21	22	24	24	26	25	26	27	27	27		595	
	.09	.09	.06	.05	.06	.09	.10	.08	.09	.09	.10	.10	.10	.10	.10	.10	.10	.07	.07	.07	.08	.06	.06	.071		.17

WED., MAR. 22, 1967

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONCENTRATION IN PPM

POTASSIUM IODIDE ANALYSIS

ST. LOUIS, MO.

TOTAL OXIDANT
MAY 1966

DAY OF MONTH	AM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	PM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS.	5 MIN. MAX
1*	.04	.04		.04	.04	.04	.04	.04	.05	.05	.05	.05	.05	.06	.04		.06	.05	.05	.05	.04	.03	.04	.04	.045	22	.07
2	.04	.04		.03	.03	.04	.05	.05	.06	.06	.07	.07	.08	.08	.08	.09	.10	.09	.06	.05	.05	.06	.06	.05	.059	23	.12
3	.04	.04		.04	.03	.05	.06	.05	.06	.06	.07	.08	.08	.07	.07	.07	.06	.06	.05	.05	.04	.05	.04	.04	.054	23	.09
4	.04	.04		.05	.04	.04	.06	.06	.07								.07	.08	.08	.08	.06	.05	.05	.06	.056	16	.10
5	.05	.03	.05	.05			.06	.06	.08	.08	.08	.08	.08	.08	.07	.07	.07	.07	.07	.06	.05	.04	.04	.04	.061	22	.08
6	.04	.05		.05	.05	.04	.05	.06	.06	.06	.06		.08			.07	.07	.06	.05	.04	.05	.04	.05	.05	.054	20	.09
7*	.05	.10			.03	.04	.04	.05	.06	.07	.07	.07	.08	.08			.08	.09	.07	.05	.04	.04	.04	.04	.059	20	.18
8*	.04	.05		.06	.06	.05	.05	.05	.07	.08	.08	.08	.09	.08					.04	.04	.04	.04	.03	.03	.055	19	.10
9	.03	.03		.03	.03	.03	.04	.05	.06	.06	.05	.05	.05	.05			.05	.06	.05	.04	.04	.03	.03	.03	.043	21	.06
10	.02	.02		.02	.02	.03	.05	.04	.05	.06	.06	.06	.06	.06	.05	.05	.05	.06	.05	.05	.05	.05	.05	.06	.047	23	.07
11	.06	.04		.04	.05	.06	.08	.05	.04	.03	.04	.04	.04	.04	.04	.05	.04	.03	.04	.04	.04	.05	.04	.04	.043	23	.20
12	.05	.06		.06	.05	.05	.04	.03	.03	.04	.04	.04	.05									.03	.03	.02	.040	15	.06
13	.02	.03		.02	.02	.03	.04	.04	.04	.04	.04	.05	.05						.04	.04	.04	.04	.04	.04	.036	18	.05
14*	.04	.04			.05	.04	.04	.05	.05	.06	.06	.07	.09	.10	.09	.09	.08	.07	.06	.05	.08	.05	.07	.09	.064	22	.15
15*	.04	.04		.04	.03	.03	.04	.05	.06	.06	.06	.06	.06	.05			.05	.05	.05	.06					.048	17	.07
16									.07	.07	.07	.08	.08	.08	.08	.08	.07	.07	.06	.05	.04	.04	.04	.05	.064	16	.09
17	.05	.04		.04	.05	.04	.05	.05	.05	.06	.06	.07	.07	.07	.07	.07	.07	.06	.05	.05	.06	.05	.06	.06	.056	23	.08
18	.04	.04		.05	.05	.05	.05	.07	.08	.07	.08	.08	.08	.07	.07	.06	.06	.06	.05	.05	.05	.04	.04	.05	.059	23	.09
19	.05	.04		.04	.04	.05	.06	.07	.07	.07	.07	.07						.06	.05	.05	.05	.05	.04	.04	.053	18	.07
20	.04	.04		.04	.04	.05	.08	.07	.07	.08	.07	.08	.08	.08	.07	.07	.07	.05	.06	.05	.05	.05	.05	.05	.060	23	.10
21*	.05	.05		.04	.03	.03	.04	.04	.05	.05	.06	.05	.05	.07	.07	.06	.07	.06	.05	.05	.04	.05	.04	.04	.049	23	.08
22*	.04	.05		.04	.03	.03	.04	.05	.07	.08	.09	.07	.07	.07	.06	.07			.06	.05	.04	.05	.05	.05	.055	21	.09
23	.04	.04		.03	.03	.04	.06	.06	.07	.07	.07	.07	.06	.06	.06	.05	.05	.05	.05	.04	.04	.03	.04	.04	.050	23	.07
24	.04	.04		.04	.03	.03	.04	.05	.06	.06	.06	.06	.06	.06			.06	.05	.05	.04	.03	.03	.04	.03	.045	21	.07
25	.04	.03		.04	.04	.07	.08	.10	.07	.07	.09	.10	.07	.08			.07	.07	.06	.05	.05	.05	.04	.05	.062	21	.14
26	.05	.04		.05	.04	.05	.06	.07	.08	.09	.09	.09					.10	.09	.09	.09	.05	.05	.05	.04	.068	19	.13
27	.04	.04		.04	.04	.04	.06	.07	.08	.09	.10	.10		.11					.07	.05	.04	.04	.04	.04	.059	18	.11
28*	.03	.03		.03	.03	.03	.04	.05	.07	.08	.07	.08	.09	.09			.10	.10	.11	.10	.07	.04	.03	.03	.061	21	.12
29*	.03	.03		.04	.03	.03	.04									.09		.07	.06	.05	.05	.04	.05	.04	.046	14	.09
30	.03	.04		.03	.03	.04	.04	.05	.06	.08	.08	.10	.10	.09	.08	.08	.07	.06	.06	.05	.04	.04	.03	.03	.056	23	.10
31	.04	.04		.04	.03	.04	.05	.07	.08	.08	.08	.08	.08	.08	.08	.07	.07	.07	.07	.07	.06	.05	.04	.04	.060	23	.09
MEAN	.04	.04		.04	.04	.04	.05	.06	.06	.07	.07	.07	.07	.07	.07	.07	.07	.08	.06	.05	.05	.04	.04	.04	.054	634	
NO.	30	30	1	28	29	29	30	29	30	29	29	28	26	24	16	17	24	26	30	30	29	30	30	30			
MAX	.06	.10	.05	.06	.06	.07	.08	.10	.08	.09	.10	.10	.10	.11	.09	.09	.10	.10	.11	.10	.08	.06	.07	.09	.068		.20

* Indicates Saturday or Sunday
Local standard time used

TABULATED

WED., MAR. 22, 1967

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

POTASSIUM IODIDE ANALYSIS

ST. LOUIS, MO.

TOTAL OXIDANT
JUNE 1966

DAY	AM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	PM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS.	MAX.
1	.04	.03	.03	.04	.06	.08	.08	.09		.16	.22	.21				.10	.12	.09	.10	.06	.06	.08	.06	.088	19	.25
2	.05	.06	.05	.05	.06	.07	.07	.08	.09	.08	.08	.08			.07	.06	.06	.06	.06	.06	.06	.05	.06	.064	21	.10
3	.06	.07	.05	.05	.05	.05	.06	.07	.07		.09					.07	.06	.06	.06	.05	.04	.05	.04	.058	18	.10
4*	.04	.05	.05	.04	.04	.05	.06	.07	.09	.09	.08	.08	.08	.08	.07	.06	.05	.05	.05	.05	.05	.05	.05	.060	23	.09
5*	.05	.04	.05	.05	.04	.06	.07	.08	.09	.09	.09	.09	.08			.07	.07	.06	.05	.05	.04	.04	.05	.062	21	.09
6	.05	.05		.04	.04	.05	.05	.06	.07	.07	.06	.07	.08	.09	.09	.08	.09	.07	.05	.04	.03	.03	.04	.057	22	.11
7	.05	.05	.03	.03	.05	.08	.11	.12	.11	.11	.10	.10	.10	.09	.10	.07	.07	.06	.05	.04	.04	.03	.03	.069	23	.13
8	.03	.03	.03	.03	.05	.08	.09	.07	.10											.02	.02	.02	.02	.045	13	.15
9																										
10																										
11*	.02	.02	.01	.02	.03	.04	.05	.06			.05	.06	.06	.06	.06	.06	.06	.06	.05	.04	.04	.05	.04	.03	.042	21	.07
12*	.03	.03	.04	.03	.03	.04	.04	.05	.04	.05	.07	.08	.07	.07	.06	.05	.05	.05	.05	.04	.04	.04	.03	.046	23	.09
13	.04	.04	.03	.03	.03	.04	.04	.04	.05	.04	.03	.04				.04	.05	.05	.04	.03	.03	.02	.02	.037	20	.05
14	.02	.02	.02	.02	.02	.03	.04	.05	.05	.05	.05	.05	.05	.06	.05	.05	.05	.05	.05	.03	.03	.03	.02	.038	23	.06
15	.02	.02			.02	.04	.03	.04	.04	.04	.04	.04				.05	.05	.05	.04	.04	.03	.03	.02	.03	.035	18	.07
16	.02	.03	.02	.01	.01	.03	.04	.04	.05	.05	.06	.06					.04	.05	.04	.04	.03	.03	.02	.03	.034	20	.06
17	.03	.03	.02	.03	.03	.04	.05	.05	.05	.06	.07	.07	.07	.07	.07	.07	.06	.06					.03	.03	.047	19	.08
18*																											
19*		.04	.04	.06	.06	.07	.09									.12	.10	.07	.08	.08	.05	.04	.03	.02	.063	15	.15
20	.02	.02	.02	.01	.02	.04	.05	.06	.08	.08	.09	.10	.11	.11	.10	.10	.10	.08	.07	.06	.05	.04	.03	.03	.058	23	.14
21	.03	.04				.04	.05	.06	.09	.10	.10	.12	.13	.12	.10	.10	.10	.07	.06	.05	.04	.03	.03	.073	20	.14
22	.02	.02	.02	.02	.03	.05	.07	.06	.07	.08	.09	.09	.10			.07	.09	.08	.07	.07	.04	.03	.03	.057	21	.11
23	.03	.05	.04	.04	.03	.05	.05	.06	.06	.08	.08	.08	.08			.07	.08	.08	.07	.05	.04	.04	.06	.057	21	.10
24	.04	.03	.03	.02	.03	.05	.05	.05	.06	.06	.08				.06	.06	.06	.06	.06	.06	.05	.05	.05	.050	20	.09
25*	.05	.05	.05	.05	.03	.04	.04	.05	.05	.08	.07	.07	.07	.07	.06	.06	.06	.06	.07	.07	.05	.04	.04	.055	23	.12
26*	.03	.03	.02	.02	.03	.03	.05	.06	.07	.07	.09				.06	.05	.06	.06	.04	.03	.03	.03	.02	.043	20	.09
27	.02	.02	.02	.02	.02	.03	.04	.05	.07	.08	.11	.11	.10	.06	.05	.07	.07	.07	.06	.04	.03	.02	.04	.051	23	.13
28	.04	.04	.03	.03	.02	.03	.04	.07	.08	.10	.11	.10	.10	.10	.09	.09	.08	.08	.08	.06	.05	.04	.04	.064	23	.11
29	.03	.05	.03	.03	.03	.04	.05	.06	.07		.09					.07	.08	.10	.11	.09	.05	.05	.06	.059	18	.11
30	.05	.05	.04	.03	.02	.03	.04	.07	.08	.09	.09	.10	.10	.10	.09	.09	.10	.09	.07	.06	.05	.04	.03	.065	23	.11
MEAN	.03	.04	.03	.03	.03	.05	.05	.06	.07	.08	.08	.09	.09		.07	.07	.07	.06	.06	.05	.04	.04	.04	.055		
NO.	26	27	24	25	26	27	27	26	24	22	25	20	16	13	18	26	26	25	25	26	26	27	27		554	
MAX	.06	.07	.05	.04	.06	.08	.11	.12	.11	.16	.22	.21	.13	.12	.12	.10	.12	.10	.11	.09	.06	.08	.06	.088		.25

WED., MAR. 22, 1967

* Includes Saturday or Sunday
Local standard time used

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONCENTRATION IN PPM
POTASSIUM IODIDE ANALYSIS

ST. LOUIS, MO.

TOTAL OXIDANT
JULY 1966

DAY OF MONTH	AM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	PM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS.	5 MIN MAX
1	.03	.03		.02	.02	.03	.04	.06	.09	.10	.12	.12	.09	.12	.09	.07	.10	.10	.08	.07	.05	.04	.04	.03	.067	23	.14
2*	.03	.03		.02	.02	.02	.04	.05	.08	.08	.08	.08	.09	.10	.10	.10	.10	.09	.09	.07	.07	.05	.05	.04	.064	23	.11
3*	.03	.04		.03	.03	.03	.06	.08	.08	.09	.11	.11	.10			.05	.06	.07	.07	.07	.05	.04	.04	.03	.060	21	.12
4	.04	.05		.04	.03	.03	.03	.05	.06	.07	.09		.14	.12	.11	.14	.16	.15	.12	.10	.07	.04	.04	.05	.078	22	.17
5	.04	.03		.02	.02	.02	.03	.06	.10	.10	.09	.10	.10	.09			.04	.04	.03	.03	.03	.02	.02	.02	.050	21	.13
6	.02	.01		.01	.01	.01	.02	.03	.05	.06	.05	.05				.07	.08	.08	.08	.07	.06	.06	.04	.03	.045	20	.08
7	.02	.02			.02	.02	.03	.02	.03	.05			.04	.05	.07	.11	.10	.10	.09	.08	.04	.03	.03	.03	.048	20	.13
8	.03	.02		.02	.02	.03	.05	.05	.05	.06	.07	.07					.11	.11	.09	.08	.06	.05	.05	.05	.056	19	.13
9*	.03	.03		.03	.02	.02	.02	.04	.06	.07	.07	.06	.06	.06	.06	.06	.06	.06	.06	.05	.04	.04	.03	.02	.045	23	.08
10*	.02	.02		.01	.01	.01	.03	.05	.05	.07	.09	.08	.08	.08			.08	.07	.04	.04	.03	.03	.03	.02	.044	21	.09
11																											
12																											
13																											
14																											
15																											
16*																											
17*																											
18																											
19																											
20																											
21																											
22																											
23*																											
24*																											
25												.04	.04	.05	.05	.05	.04	.04	.04	.04	.03	.03	.03	.03	.037	13	.06
26	.03	.03											.07	.09	.10	.09	.08	.09	.09	.05	.04	.03	.03	.02	.058	14	.11
27	.02	.02			.02	.03	.03	.04	.04	.05	.06	.08	.09	.09			.08	.07	.06	.05	.04	.04	.03	.03	.047	20	.10
28	.03	.03		.03	.03	.02	.03	.04	.04	.05	.07	.07	.09	.06			.07	.06	.06	.05	.04	.04	.03	.03	.045	21	.09
29	.03	.03		.02	.02	.03	.03	.04	.04	.05	.06	.07					.04		.03	.04	.03	.03	.03	.02	.035	18	.07
30*	.02	.02			.02	.03	.03	.03	.05	.06	.07	.08	.08	.08	.08	.09	.09	.08	.07	.04	.04	.04	.03	.03	.052	22	.10
31*	.02	.02			.02	.02	.03	.07	.10	.09	.09	.10	.10	.11	.10	.09	.10	.09	.09	.07	.04	.04	.04	.03	.066	22	.12
MEAN	.03	.03															.08	.08	.07	.06	.04	.04	.03	.03			
NO.	16	16	11	15	15		15	15	15	15	14	14	14	13	9	11	16	17	17	17	17	17	17	17		343	
MAX	.04	.05	.04	.03	.03		.06	.08	.10	.10	.12	.12	.14	.12	.11	.14	.16	.15	.12	.10	.07	.06	.05	.05	.078		.17

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., MAR. 22, 1967

CONTINUOUS AIR MONITORING PROGRAM

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

ST. LOUIS, MO.

TOTAL OXIDANT
AUG. 1966

CONCENTRATIONS IN PPM

POTASSIUM IODIDE ANALYSIS

DAY OF MONTH	AM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	PM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS.	5 MIN. MAX.
1																											
2																											
3																											
4																											
5																											
6*	.03	.04		.03	.03	.02	.04	.04	.06	.07	.08	.10	.11	.14			.14	.13	.10	.08	.08	.05	.05	.05	.069	21	.16
7*	.05	.04		.04	.04	.04	.04	.06	.06	.07	.08	.09	.09	.09			.10	.09	.06	.06	.04	.05	.04	.03	.059	21	.11
8	.02							.05	.08	.09	.10	.10	.11	.10	.10	.09	.07	.06	.06	.05	.03	.03	.02	.02	.064	18	.11
9	.03	.02		.01	.02				.02	.03	.05	.06	.08	.07	.08	.11	.07	.06	.05	.03	.03	.03	.02	.02	.043	20	.13
10	.02	.02		.02	.02	.01	.02	.02	.02	.01	.02	.03	.03										.02	.03	.020	14	.03
11	.03	.02		.02	.02	.02	.03	.03	.03	.04	.04	.05	.06	.06			.05	.05	.04	.03	.03		.03	.04	.036	20	.07
12	.04	.06			.02	.03	.06	.04	.05	.06	.06	.06	.06				.04	.03	.03	.03	.04	.04	.04	.05	.043	19	.08
13*	.05							.04	.03	.03	.03	.02	.02	.02	.02	.02	.03	.02	.04	.03	.02	.03	.03		.027	17	.05
14*																											
15		.01			.01	.01	.02	.02	.03	.04	.04						.04	.04	.03	.03	.02	.02	.01	.01	.023	16	.11
16																											
17																											
18																											
19	.01	.01	.02		.02	.01	.02	.03	.03	.03	.03	.03	.04	.03				.02	.02	.02	.01	.01	.01	.01	.021	20	.04
20*																											
21*																											
22																											
23																											
24																											
25																											
26																											
27*																											
28*																											
29																											
30		.01								.08	.10	.09	.09	.11			.06	.07	.05	.04	.03	.03	.02	.02	.055	14	.12
31	.02	.01			.00	.00	.03	.04				.08	.08	.08	.07	.06	.05	.07	.06	.05	.05	.04	.02	.02	.044	19	.09
MEAN	10	10	1	5	9	8	8	10	10	11	11	11	11	9	4	4	10	11	11	11	11	10	12	11		219	
MIN	.05	.06	.02	.04	.04	.04	.06	.06	.08	.09	.10	.10	.11	.14	.10	.11	.14	.13	.10	.08	.08	.05	.05	.05	.069		.16
MAX																											

* Indicates Saturday or Sunday
Local standard time used

WED., MAR. 22, 1967

D-75

CONTINUOUS AIR MONITORING PROGRAM

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

ST. LOUIS, MO.

TOTAL OXIDANT
SEPT. 1966

CONCENTRATION IN PPM
POTASSIUM IODIDE ANALYSIS

DAY OF MONTH	AM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	PM 12-1	12-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS	5 MIN MAX
1	.01	.02			.01	.02	.02	.02	.04	.05	.06	.07	.08	.07						.04	.04	.03	.03	.02	.037	17	.08
2	.02	.02							.04	.05	.07	.07	.07	.07	.06	.06		.02	.02	.02	.02	.02	.02	.02	.039	17	.08
3*	.01	.01			.01	.01	.01	.02	.03	.05	.06	.05	.05	.05	.05	.04	.05	.04	.03	.02	.02	.02	.01	.01	.030	22	.06
4*	.01	.01		.02	.02	.02	.02	.03	.04	.05	.06	.07	.07	.07				.06	.05	.03	.03	.03	.02	.02	.036	20	.07
5																											
6																											
7																											
8																											
9																											
10*		.01		.01	.02	.03	.03	.03	.05	.06			.07	.06			.06	.06	.05	.04	.04	.05	.02	.02	.039	18	.08
11*	.03	.02			.03	.03	.03	.04	.05	.05	.11	.08	.07	.08			.07	.07	.05	.02	.02	.01	.02	.02	.044	20	.14
12	.02	.02			.02	.02	.02	.03	.02	.02	.03	.04	.05	.07	.07	.07	.07	.05	.03	.03	.03	.03	.02	.02	.035	22	.08
13	.02	.02			.02	.05	.04	.05	.03	.05	.05	.06	.06	.09	.09	.08	.07	.05	.04	.03	.03	.02	.02	.02	.045	22	.10
14	.02	.01		.01	.02	.02	.03			.03	.03	.04	.06	.06	.06	.04	.03	.02	.03	.03	.03	.02	.02	.01	.029	21	.07
15	.01	.01		.01	.01	.01	.02	.01	.02	.02	.02	.03	.03						.01	.01					.015	14	.03
16																											
17*	.03	.02		.04	.02	.04	.04	.05	.03	.05	.06	.06	.07	.07	.06	.07	.06	.06	.05	.03	.02	.02	.06	.05	.047	23	.08
18*	.03	.03		.02	.02	.02	.02	.02	.03	.04	.06	.05	.05	.06	.05	.04	.02	.01	.01	.00					.029	19	.07
19																											
20	.02	.03		.04	.04	.03	.03	.03	.03	.02	.03	.03	.03	.03	.04	.03	.02	.02	.03	.03	.03	.03	.02	.02	.028	23	.06
21	.03	.03		.03	.02	.02	.02	.02	.02	.03	.04	.04	.04	.05	.05	.05	.04	.03	.02	.02	.04	.05	.04	.02	.032	23	.06
22	.01			.02	.02	.02	.03	.02	.03	.04	.05	.05	.04						.02	.02	.02	.04	.04	.03	.030	17	.06
23	.02	.02		.02	.02	.02	.03	.04	.04	.05			.05	.05	.04	.04	.04	.03	.02	.02	.02	.02	.04	.07	.033	21	.08
24*	.06	.06		.02	.02	.04	.05	.04	.05	.07	.07	.06	.06	.04	.04	.04	.04	.04	.03	.03	.03	.03	.02	.03	.042	23	.07
25*	.03	.02		.02	.02	.02	.02	.03	.03	.03	.04	.03	.03	.02	.02	.02	.02	.01	.01	.02	.01	.01	.02	.02	.022	23	.04
26	.01	.01			.01	.01	.02	.02	.01	.02	.02	.02	.02	.02	.02	.03	.02	.02	.02	.02	.01	.01	.02	.01	.017	22	.05
27	.01	.01		.01	.01	.02	.02				.01	.02	.02	.03			.03	.03	.02	.02	.02	.02	.02	.02	.019	18	.04
28	.03	.02		.02	.02	.03	.05	.04	.03	.03	.05	.06	.05	.05	.05	.04	.04	.04	.03	.02	.02	.03	.02	.02	.034	23	.07
29	.01	.02		.01	.01	.02	.04	.03	.04	.04	.04	.05	.05	.05					.02	.02	.02	.02	.02	.01	.027	19	.05
30	.01	.02		.01	.01	.02	.03	.03	.02	.02	.02		.02	.01	.01	.01	.02	.01	.03	.02	.02	.02	.03	.02	.019	22	.05
MEAN	.02	.02		.02	.02	.02	.03	.03	.03	.04	.05	.05	.05	.05			.04	.04	.03	.02	.02	.02	.03	.02	.032		
NO.	22	22		16	22	22	22	20	21	22	21	20	23	21	15	15	17	19	22	23	21	21	21	21		469	
MAX	.06	.06		.04	.04	.05	.05	.05	.05	.07	.11	.08	.08	.09	.09	.08	.07	.07	.05	.04	.04	.05	.06	.07	.047		.14

TABULATED WED., MAR. 22, 1967

* Indicates Saturday or Sunday
Local standard time used

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONCENTRATION IN PPM

POTASSIUM IODIDE ANALYSIS

ST. LOUIS, MO.

TOTAL OXIDANT
OCT. 1966

DAY OF MONTH	AM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	PM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS	5 MIN. MAX
1*	.01	.01		.01	.01	.01	.02	.02	.02	.03	.04	.04	.04	.04	.04	.04	.04	.04	.02	.03	.04	.03	.03	.02	.028	23	.06
2*	.02	.02		.01	.02	.02	.02	.03	.03	.03	.04	.05	.04	.04	.04	.04	.04	.04	.04	.04	.03	.03	.03	.02	.031	23	.05
3	.02	.02		.02	.02	.02	.02	.02	.03	.03	.03			.03			.03	.02	.02	.01	.01	.02	.02	.02	.021	19	.05
4	.04	.04		.02	.02	.01	.02	.02	.02	.03	.03	.03	.04	.03	.03	.03	.02	.02	.02	.02	.02	.02	.02	.02	.024	23	.05
5	.02									.04	.04	.04	.04	.04			.04	.03	.03	.03	.02	.03	.02	.02	.031	14	.05
6	.04	.07		.05	.04	.08	.09	.08	.07	.04	.04	.06									.04	.03	.03	.03	.051	15	.16
7																											
8*	.00		.01	.00	.00	.01	.02	.02	.02	.02	.03		.02	.02			.06	.05	.05	.04	.03	.02	.02	.02	.022	20	.08
9*																											
10			.01	.01	.00	.02	.02	.01	.01			.02	.02	.03	.03	.02	.02	.01	.02	.01	.01	.01	.01	.01	.014	20	.03
11	.01	.01			.01	.00	.04	.05	.04			.04	.04	.05			.05	.04	.03	.03	.03	.02	.02	.02	.028	18	.10
12	.02	.03		.01	.02	.05	.06	.04	.04	.04	.05	.05	.06	.06	.05	.05	.03	.04	.04	.03	.04	.04	.04	.03	.039	23	.08
13	.03	.02		.01	.01	.02	.04	.02	.01			.04	.03						.02	.02	.02	.01	.02	.01	.020	16	.07
14	.01	.01			.01	.02	.03	.03		.03	.02	.01		.02	.02	.03	.02	.02	.02	.02	.02	.02	.04	.03	.020	20	.04
15*	.02	.02		.02	.01	.01	.01	.01	.01	.01	.01	.01	.01	.02			.03	.03	.02	.02	.02	.03	.02	.02	.017	21	.03
16*	.02	.02		.03	.03		.03	.03	.02	.02	.02	.02	.02	.02			.02	.02	.02	.02	.02	.02	.02	.02	.021	20	.03
17	.03	.02			.02	.03	.06	.07	.07	.04	.04	.04	.05	.04			.03	.02	.02	.02	.03	.03	.02	.02	.035	20	.09
18	.02	.01			.02	.02	.03	.02		.02	.02	.02	.03	.03			.02	.02	.02	.02	.01	.02	.01	.01	.020	19	.06
19	.02	.02		.03	.02	.01	.02	.03	.02	.02	.02	.02	.02	.02			.03	.04	.05	.02	.02	.01	.04	.05	.025	21	.06
20	.04	.03		.03	.02	.05	.08	.08	.06	.04	.04	.03	.04							.02	.02	.02	.02	.02	.037	17	.12
21	.02	.01		.02	.02	.02	.04	.04	.03	.04	.05		.04	.04			.04	.04	.04	.03	.03	.04	.03	.03	.031	20	.07
22*	.03	.03		.02	.02	.02	.03	.03	.03	.04	.04	.05	.05	.05	.04	.04	.03	.02	.01	.01	.01	.02	.02	.02	.028	23	.05
23*	.01	.01		.03	.02	.03	.04	.05	.06	.04	.03	.04	.03	.04			.05	.03	.03	.03	.04	.04	.09	.07	.038	21	.12
24	.06	.07			.08	.12	.18	.17	.12		.06	.06	.07	.06	.06	.05	.04	.03	.02	.02	.02	.02	.02	.02	.064	21	.23
25	.02	.01			.01	.02	.05	.05	.04	.04	.03	.03	.04	.04	.04	.03		.02	.02	.01	.02	.02	.02	.03	.027	21	.08
26	.02	.04			.05	.07	.09	.07	.04	.04	.04	.05	.06	.06	.04	.05	.04	.04	.03	.03	.04	.05	.03	.03	.044	22	.12
27	.03	.02		.03	.03	.04	.08	.08	.05	.05	.05	.05	.04	.05	.04	.05	.05	.08	.04	.04	.03	.03	.03	.03	.043	23	.19
28	.02	.02		.02	.02	.03	.06	.06	.04	.05	.07	.07							.07	.08	.03	.03	.04	.04	.043	17	.10
29*	.04	.04		.03	.02	.01	.01	.01	.02	.02	.03	.03	.03	.03			.02	.02	.02	.02	.01	.01	.02	.02	.022	21	.05
30*		.01		.01	.01	.00	.01	.02	.04	.03	.03	.04	.04	.05			.04	.04	.03	.02	.02	.02	.02	.01	.024	20	.06
31	.01	.02			.02	.02	.02	.04	.04	.03	.03	.03	.03	.03			.03	.03	.02	.02	.02	.01	.02	.02	.024	20	.05
MEAN	.02	.02		.02	.02	.03	.04	.04	.04	.03	.03	.04	.04	.04			.03	.03	.03	.03	.02	.02	.03	.02	.030		
NO.	27	26	2	20	28	27	28	28	26	25	26	26	25	25	11	11	24	25	27	28	29	29	29	29		581	
MAX	.06	.07	.01	.05	.08	.12	.18	.17	.12	.05	.07	.07	.07	.06	.06	.05	.06	.08	.07	.08	.04	.05	.09	.07	.064		.23

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., MAR. 22, 1967

J. 77

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONCENTRATION IN PPM

POTASSIUM IODIDE ANALYSIS

ST. LOUIS, MO.

TOTAL OXIDANT
NOV. 1966

DAY OF MONTH	AM 12-1	AM 1-2	AM 2-3	AM 3-4	AM 4-5	AM 5-6	AM 6-7	AM 7-8	AM 8-9	AM 9-10	AM 10-11	AM 11-12	PM 12-1	PM 1-2	PM 2-3	PM 3-4	PM 4-5	PM 5-6	PM 6-7	PM 7-8	PM 8-9	PM 9-10	PM 10-11	PM 11-12	DAILY MEAN	NO. OF HRS	5 MIN MAX
1	.02	.02		.02	.01	.02	.02	.02	.02	.02	.02	.02	.02	.03			.02	.02	.02	.02					.020	16	.03
2		.03	.03	.03	.02	.02	.02	.02	.03	.03	.03	.03	.03	.03	.03	.03	.02	.02	.02	.02	.02	.01	.01	.01	.023	22	.04
3	.02	.01	.02	.02	.01	.01	.01	.01	.02	.03	.03	.03	.04	.04	.04	.03	.03	.02	.01	.02	.01	.02	.02	.02	.020	23	.04
4																											
5*	.02		.01	.01	.02					.03	.03	.03	.03	.04			.03	.02	.02	.02	.02	.02	.03	.02	.023	17	.04
6*	.02	.02	.01	.01	.01	.01	.03	.02									.04	.02	.02	.02	.02	.02	.02	.02	.019	16	.05
7	.02	.01	.02	.02	.02				.04	.04	.04	.04	.04	.04	.03	.03	.03	.02	.02	.02	.02	.01	.02	.02	.025	21	.05
8	.02	.02	.02	.01	.02	.03	.02	.02	.02	.02	.02	.02	.03	.03	.02	.03	.04	.04	.02	.02	.02	.02	.02	.02	.023	23	.06
9	.02	.02	.03	.03	.03	.02	.04	.04	.03	.03	.03	.04	.03	.03	.03	.04	.04	.04	.02	.03					.030	19	.06
10																											
11	.03	.03	.02	.02	.02	.03	.04	.04	.04	.03	.04		.05	.04	.04	.03	.04	.03	.02	.03	.03	.03	.03	.04	.033	23	.06
12*	.04	.04	.01	.01	.01	.01	.02	.02	.02	.01	.02		.02	.03	.03	.03	.03	.02	.03	.02	.02	.02	.02	.02	.022	23	.05
13*	.02	.02	.01	.01	.02	.02	.03	.03	.03	.03	.03		.04	.04	.05	.05	.04	.05	.04	.05	.06	.06	.10	.06	.039	23	.12
14	.08	.06	.05	.05	.07	.12	.18	.16	.15	.09	.05		.05	.05			.09	.09	.09	.06	.06	.11	.05	.05	.083	21	.21
15	.05	.06	.04	.05	.13	.13	.16	.08	.07	.07	.06		.06	.07			.10	.10	.06	.05	.06	.06	.06	.06	.074	21	.21
16	.06	.06		.04	.04	.05	.08	.07	.07	.07	.06		.08	.07			.07	.07	.06	.06	.06	.06	.06	.05	.062	20	.11
17	.05	.05	.05	.06	.05	.05	.07	.07	.06	.07	.07		.06	.07						.07	.06	.06	.06	.06	.061	18	.09
18	.06	.05	.03	.03	.03	.04	.04	.04	.04	.05						.05	.05	.05	.04	.03	.03	.03	.03	.03	.039	19	.07
19*	.03	.03	.02	.02	.03	.03	.03	.04	.04	.05	.05		.04	.06	.06	.04	.05	.05	.05	.05	.05	.04	.05	.05	.041	23	.10
20*	.04	.04	.03	.03	.03			.04	.06	.06	.06		.06	.06	.07	.06	.06	.06	.07	.06	.05	.05	.05	.05	.052	21	.12
21	.06	.05	.03	.03	.04	.05	.07	.08	.07	.06	.06		.06	.06	.06	.07	.07	.08	.09	.07	.05	.07	.06	.05	.060	23	.13
22	.04	.04	.04	.04	.04	.04	.06	.06	.05	.06	.06		.06	.07	.07	.06	.06	.06	.05	.06	.06	.06	.06	.05	.054	23	.08
23	.05	.04	.04	.04	.04	.04	.05	.06	.05	.06	.06		.06	.07	.07	.06	.07	.07	.05	.05	.05	.05	.05	.05	.053	23	.09
24	.05	.05	.04	.04	.05	.05	.04	.05	.05	.05	.06		.06	.06	.06	.06	.06	.05	.05	.05	.05	.05	.05	.05	.051	23	.07
25	.05	.04	.04	.05	.05	.03	.05	.05	.06	.05	.05								.05	.04	.04	.04	.04	.04	.044	17	.06
26*	.04	.04	.03	.05	.02	.03	.04	.04	.04	.04	.04		.05	.05	.04	.04	.04	.04	.04	.05	.04	.04	.04	.04	.039	23	.06
27*	.03	.03	.02	.02	.02	.01	.02	.01	.01	.02	.02		.02	.02	.02	.02	.03	.02	.03	.03	.03	.03	.03	.03	.023	23	.04
28	.03	.03	.03	.03	.03	.03	.04	.04	.04	.04	.04		.04	.05	.04	.04	.04	.03	.03	.03	.03	.03	.03	.03	.035	23	.05
29	.03	.03	.03	.02	.02	.03	.04	.03	.04	.04	.05		.05	.05	.05	.04	.04	.03	.03	.03	.03	.03	.03	.03	.034	23	.05
30	.03	.03	.02	.02	.02	.03	.03	.04	.03	.03	.03		.03	.04	.04	.04	.05	.04	.04	.03	.02	.03	.02	.02	.030	23	.06
MEAN	.04	.03	.03	.03	.03	.04	.05	.05	.04	.04	.04		.04	.05	.04	.04	.05	.04	.04	.04	.04	.04	.04	.04	.040		
NO.	27	27	26	28	28	26	25	26	27	27	26		25	25	19	20	26	26	27	28	26	26	26	26		593	
MAX	.08	.06	.05	.06	.13	.13	.18	.16	.15	.09	.07		.08	.07	.07	.07	.10	.10	.09	.07	.06	.11	.10	.06	.083		.21

* Indicates Saturday or Sunday
Local standard time used

TABULATED

WED., MAR. 22, 1967

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONCENTRATION IN PPM

POTASSIUM IODIDE ANALYSIS

ST. LOUIS, MO.

TOTAL OXIDANT
DEC. 1966

DAY OF MONTH	AM 12-1	AM 1-2	AM 2-3	AM 3-4	AM 4-5	AM 5-6	AM 6-7	AM 7-8	AM 8-9	AM 9-10	AM 10-11	AM 11-12	PM 12-1	PM 1-2	PM 2-3	PM 3-4	PM 4-5	PM 5-6	PM 6-7	PM 7-8	PM 8-9	PM 9-10	PM 10-11	PM 11-12	DAILY MEAN	NO. OF HRS	5 MIN MAX
																									.032	19	.08
1	.02	.02			.02	.03	.03	.03	.03	.03	.04	.05	.05	.05	.05	.04	.03	.03	.02	.03	.03						
2																			.03	.03	.03	.04	.03	.04	.026	19	.04
3*	.03	.02		.01	.02	.02	.01	.02	.02	.03	.03	.03	.03	.03					.04	.04	.04	.04	.04	.04	.036	23	.06
4*	.03	.03		.03	.02	.02	.03	.03	.04	.04	.04	.04	.04	.04	.05	.05	.04	.04	.04	.04	.04	.04	.04	.04	.046	23	.10
5	.04	.03		.03	.04	.04	.05	.07	.06	.07	.06	.05	.05	.05	.06	.05	.06	.05	.04	.03	.04	.03	.03	.04			
6	.03	.03			.03	.03	.04	.05	.04	.04	.05	.05	.04	.04	.04	.05	.06	.05	.04	.04	.04	.04	.04	.04	.040	22	.09
7	.04	.03		.03	.03	.03	.03	.05	.05	.05	.05	.05	.04	.04	.04	.05	.06	.05	.03	.03	.04	.04	.04	.04	.040	23	.07
8	.04	.04		.04	.03	.04	.04	.05	.05	.04	.06	.05				.04	.03	.03	.03	.03	.02	.02	.03	.03	.036	20	.08
9	.03	.03		.03	.03											.04	.04	.04	.03	.03	.03	.04	.04	.04	.034	13	.06
10*	.03	.03		.03	.03				.04	.04	.04	.04	.03			.03	.03	.03	.03	.03	.03	.03	.03	.03	.030	18	.05
11*	.03	.03			.03	.03	.03	.03	.03	.03	.03	.03	.03	.04	.04	.03	.03	.02	.03	.04	.03	.03	.03	.03	.031	22	.05
12																											
13	.02	.03				.03			.04	.04	.03		.01	.00			.01	.06	.04	.02	.02	.02	.02	.02	.026	16	.10
14	.02	.02		.02	.02	.02	.02	.04	.03	.03			.04	.04			.06	.06			.05		.03	.04	.033	16	.08
15																											
16																											
17*																											
18*																											
19																											
20																											
21																											
22																											
23																											
24*																											
25*																											
26																											
27										.03	.03	.03	.02	.01	.00	.01	.02	.00	.01	.01	.02	.03	.02	.02	.017	15	.09
28																											
29																											
30																											
31*																											
MEAN	12	12		8	11	10	9	10	11	12	10	10	11	10	7	10	12	12	12	12	13	11	12	12		249	
NO.	.04	.04		.04	.04	.04	.05	.07	.06	.07	.06	.05	.05	.05	.06	.05	.06	.06	.04	.04	.05	.04	.04	.04	.046		.10
MAX																											

* Indicates Saturday or Sunday
Local standard time used

TABULATED

WED., MAR. 22, 1967

TABULATED 04/10/67

CONTINUOUS AIR MONITORING PROGRAM
AISI SPOT (COH/1000 LIN.FT.)

DAY OF MONTH — TIME (STARTING HOUR) — ST LOUIS MISSOURI — JAN/66

DAY OF MONTH	0000	0200	0400	0600	0800	1000	1200	1400	1600	1800	2000	2200	AVG	N (1)	MAX (2)
01						0.6	1.1	0.6	0.9	1.3	0.9	1.0	0.97	07	1.3
02	0.6	0.3	0.9	1.0	0.7	0.7	0.1	0.5	0.7	0.4	0.6	0.8	0.64	12	1.0
03	0.4	1.0	1.2	3.1	4.2	2.8	1.4	0.9	3.3	1.3	1.6	1.2	1.90	12	4.2
04	1.1	1.2	1.5	3.3	4.6	1.7	1.7	2.0	5.7	6.3	3.7	5.0	3.17	12	6.3
05	5.8	5.2	6.2	6.7	12.6	6.8	3.6	1.9	2.9	2.7	1.8	1.7	4.87	12	12.6
06	1.3	0.9	0.8	0.8	1.5	1.2	1.3	1.3	1.8	1.0	2.6	1.1	1.33	12	2.6
07	1.2	1.5	1.0	1.6		1.5	0.7	1.2	1.5	1.5	0.3	1.1	1.21	11	1.6
08	0.5	0.2	0.4	1.0	3.7	2.0	0.8	0.9	1.1	3.6	3.1	0.9	1.57	12	3.7
09	0.8	0.4	0.7	1.0	0.8	1.0	0.8	0.6	1.0	0.5	0.7	0.7	0.79	12	1.0
10	1.3	1.2	1.3	1.6	1.7	0.8	0.9	1.0	1.7	2.3	2.1	2.6	1.57	12	2.6
11	3.1	0.8	1.9	4.8	4.2	2.5	1.8	2.0	3.1	2.6	1.6	2.1	2.59	12	4.8
12	1.1	0.8	1.6	1.8	1.6	1.7	1.4	1.9	1.8	0.9	0.7	0.8	1.40	12	1.9
13	0.9	0.5	1.0	1.6	1.6	1.7	1.1	1.4	1.5	2.5	2.3	4.3	1.74	12	4.3
14	2.6	2.0	1.5	2.6		2.8	1.9	2.1	5.7	4.6	2.0	4.0	2.92	11	5.7
15	4.4	6.1	4.0	3.7	2.7	1.7	1.3	1.3	1.3	1.1	1.2	0.7	2.52	12	6.1
16	0.5	0.6	0.5	0.7	0.8	0.8	1.1	0.8	1.2	0.9	1.0	0.7	0.84	12	1.2
17	0.6	0.6	0.3	1.3	2.4	1.4	0.8	1.2	1.2	1.2	0.8	1.2	1.13	12	2.4
18	1.1	1.7	1.0	1.5	1.7	1.0	1.4	1.5	1.4	1.1	1.5	1.3	1.40	12	1.7
19	0.8	1.1	2.6	3.9	4.0	2.2	1.3	1.1	1.6	1.6	2.9	2.1	2.15	12	4.0
20	2.0	2.2	1.7	2.3	3.4	2.2	1.8	1.5	2.5	2.3	2.5	1.5	2.20	12	3.4
21	1.8	1.7	1.1	2.4	3.1	2.2	1.7	2.5	2.5	1.5	1.5	1.4	1.98	12	3.1
22	1.2	1.0	1.4	1.8	1.3	1.6	1.9	1.3	1.9	1.5	1.4	1.3	1.52	12	1.9
23	1.0	0.9	0.9	1.5	1.6	1.5	1.5	1.0	1.4	1.4	1.3	1.8	1.37	12	1.8
24	0.9	0.7	1.1	1.2		1.9	1.2	1.2	2.1	1.0	1.1	1.1	1.28	11	2.1
25	0.9	0.7	1.3	1.8	2.2	3.1	2.6	1.8	2.5	1.9	1.9	2.4	1.96	12	3.1
26	1.6	2.0	2.0	3.1	3.9	1.8	1.7	1.1	1.9	2.2	3.1	3.3	2.36	12	3.9
27	2.3	1.9	1.4	1.8	1.9	1.1	1.1	1.3	1.7	2.3	2.7	2.8	1.90	12	2.8
28	1.9	1.1	1.0	2.0	2.8	2.1	1.3	1.7	1.7	1.4	1.2	0.7	1.61	12	2.8
29	0.8	0.6	0.5	1.2	2.0	1.2	2.1	1.3	1.9	1.3	0.9	0.8	1.25	12	2.1
30	0.9	0.6	1.0	1.1	0.7	0.7	0.7	0.6	1.0	2.0	1.6	2.4	1.16	12	2.4
31	2.0	1.2	0.9	1.4	1.7	1.4	1.6	1.3	3.2	2.2	2.1	1.6	1.76	12	3.2
AVG	1.51	1.35	1.42	2.12	2.71	1.79	1.40	1.31	2.05	1.88	1.70	1.75	1.73		
N(3)	30	30	30	30	27	31	31	31	31	31	31	31		364	
MAX*	5.8	6.1	6.2	6.7	12.6	6.8	3.6	2.5	5.7	6.3	3.7	5.0	4.87		12.6

(1) N=NUMBER OF VALID 2-HR SPOTS
(2) MAX=MAXIMUM 2-HR COH (DY)
(3) N=DAYS WITH VALID VALUES
* MAX=MAXIMUM 2-HR COH (MO)
VALUES GREATER THAN 6.0 UNDERESTIMATE ACTUAL VALUE

TABULATED 04/10/67

CONTINUOUS AIR MONITORING PROGRAM
AISI SPOT (COH/1000 LIN.FT.)

ST LOUIS MISSOURI — FEB/66

DAY OF MONTH	TIME (STARTING HOUR) 0000	0200	0400	0600	0800	1000	1200	1400	1600	1800	2000	2200	AVG	N (1)	MAX (2)
01	0.8	0.7	1.0	1.5	3.1		3.7	2.3	2.3	1.2	0.9	1.8	1.80	11	3.7
02	1.7	1.1	1.9	2.9	2.5	2.1	1.6	1.3	2.4	2.2	2.2	2.4	2.08	12	2.9
03	1.7	1.7	1.7	2.2	2.6	2.3	1.6	1.1	2.0	1.1	0.3	0.8	1.64	12	2.6
04	0.6	0.7	0.9	1.6	2.2	2.1	1.6	1.1	2.3	1.5	2.9	3.5	1.79	12	3.5
05	3.6	3.0	1.4	4.5	2.5	1.5	1.2	0.6	1.1	1.1	2.2	1.6	1.90	12	3.6
06	1.5	2.3	2.5	1.3	1.3	0.9	1.4	0.9	1.1	1.4	0.9	1.7	1.48	12	2.5
07	1.5	1.6	1.7	4.8		2.9	2.2	2.9	3.6	1.7	1.8	2.3	2.52	11	4.8
08	1.7	1.6	2.2	2.3	2.7	1.3	1.1	2.3	2.3	1.5	0.9	1.5	1.83	12	2.7
09	0.9	1.3	1.2	1.8	2.1	1.4	1.0	1.2					1.41	08	2.1
10						2.6	1.1	1.7	1.8	1.0	0.7	1.1	1.47	07	2.6
11	3.3	0.5	1.2	1.9	1.9	1.1	0.4	0.6	1.1	0.8	2.4	8.0	1.97	12	8.0
12	3.7	2.5	2.4	2.9	4.8	1.4	0.8	0.6	0.8	0.8	1.2	1.0	1.95	12	4.8
13	1.1	0.8	1.0	1.3	1.4	0.7	0.3	0.9	0.9	0.6	0.5	0.4	0.86	12	1.4
14	0.4	0.6	0.9	1.8		1.7	1.5	1.5	1.6	1.8	3.6	3.4	1.75	11	3.6
15	2.1	3.0	3.0	4.0	10.2	2.7	1.8	2.2	3.1	2.5	2.5	1.4	3.26	12	10.2
16	1.2	1.1	1.5	1.7	1.4	1.3	0.8	1.0	1.1	1.3	1.0	1.5	1.29	12	1.7
17	1.1	0.7	1.3	3.4	2.1	1.3	1.2	0.9	1.4	2.6	1.6	0.7	1.56	12	3.4
18	1.1	1.0	0.6	1.5	2.1	1.2	0.7	0.9	0.9	4.1	2.2	1.4	1.52	12	4.1
19	0.8	0.8	0.5	1.2	1.6	1.0	1.1	1.1	1.2	0.5	0.9	1.0	1.01	12	1.6
20	1.1	0.8	0.3	0.5	0.5	0.7	0.5	0.8	0.6	0.5	0.7	0.5	0.65	12	1.1
21	0.5	0.8	0.5	1.3		1.6	0.4	1.6	1.5	1.5	1.2	1.3	1.14	11	1.6
22	1.4	1.9	1.9	2.3	2.8	2.7	1.3	1.5	1.7	2.0	1.3	2.0	1.94	12	2.8
23	1.8	1.4	1.6	2.1	2.8	2.4	1.6	1.2	2.1	2.0	1.5	1.7	1.90	12	2.8
24	1.5	1.3	1.6	2.2	2.8	1.6	1.3	1.6	1.8	2.8	2.4	3.0	2.03	12	3.0
25	2.6	1.6	1.5	2.1	2.0	1.2	1.0	0.7	1.4	1.3	2.0	1.8	1.64	12	2.6
26	0.8	1.2	1.7	3.0	2.5	0.7	0.8	0.7	0.9	2.8	2.8	2.0	1.70	12	3.0
27	1.3	1.3	1.5	2.0	1.4	1.1	2.6	2.2	2.5	2.4	1.5	2.4	1.89	12	2.6
28	1.3	1.1	0.7	1.7	1.5	1.8	1.1	1.6	1.7	1.1	1.7	1.4	1.45	12	1.8
29															
AVG	1.52	1.34	1.41	2.14	2.53	1.60	1.27	1.32	1.67	1.63	1.62	1.91	1.65		
N(3)	27	27	27	27	24	27	28	28	27	27	27	27		323	
MAX*	3.7	3.0	3.0	4.8	10.2	2.9	3.7	2.9	3.6	4.1	3.6	8.0	3.26		10.2

(1) N=NUMBER OF VALID 2-HR SPOTS
(2) MAX=MAXIMUM 2-HR COH (DY)
(3) N=DAYS WITH VALID VALUES
* MAX=MAXIMUM 2-HR COH (MO)
VALUES GREATER THAN 6.0 UNDERESTIMATE ACTUAL VALUE

TABULATED 03/21/67

CONTINUOUS AIR MONITORING PROGRAM
AISI SPOT (COH/1000 LIN.FT.)

ST LOUIS MISSOURI — MARCH/66

DAY OF MONTH	TIME (STARTING HOUR) 0000	0200	0400	0600	0800	1000	1200	1400	1600	1800	2000	2200	AVG	N (1)	MAX (2)
01	1.3	1.1	0.7	1.6		1.0	0.8	0.6	2.7	2.5	0.6	1.1	1.31	11	2.7
02	2.0	2.2	2.5	2.1	1.9	1.7	1.3	1.8	1.6	0.9	0.6	0.9	1.65	12	2.5
03	1.1	1.2	1.6	1.5	1.7	1.3	1.7	1.2	2.4	1.5	0.8	0.8	1.44	12	2.4
04	0.7	0.4	0.4	1.4	1.6	0.9	1.4	0.6	1.5	0.7	0.9	0.6	0.98	12	1.6
05	0.0	1.0	0.8	0.9	1.9	0.8	1.1	2.3	0.9	0.7	0.7	0.5	1.00	12	2.3
06	0.5	0.6	0.4	0.9	1.1	0.6	0.3	0.4	0.4	1.1	1.8	1.2	0.80	12	1.8
07	0.7	1.1	1.1	2.1		0.0	1.0	1.1	0.8	1.2	1.2	2.7	1.22	11	2.7
08	3.3	3.2	1.8	0.9	2.0	1.3	1.2	1.3	1.4	1.8	1.3	1.1	1.75	12	3.3
09	1.9	1.0	1.2	1.0	1.6	1.8	2.1	1.4	1.5	2.7	1.9	2.0	1.71	12	2.7
10	1.6	1.4	1.2	1.7	2.4	3.3	1.6	1.6	1.6	1.8	1.5	1.5	1.80	12	3.3
11	1.3	1.2	1.7	1.8	3.2	2.2	1.7	1.1	1.8	2.8	1.6	1.7	1.87	12	3.2
12	1.3	0.9	0.9	0.7	1.6	1.8	1.2	0.9	1.0	0.6	1.1	0.7	1.10	12	1.3
13	0.6	0.9	1.2	1.1	1.4	1.0	1.2	0.8	1.2	0.7	1.8	1.2	1.13	12	1.8
14	2.1	1.3	1.0	0.8		2.0	2.0	2.1	2.3	1.1	2.5	1.9	1.95	11	3.9
15	2.5	1.5	0.7	1.8	1.9	2.2	1.7	1.7	1.7	2.7	1.9	2.7	1.97	12	2.7
16	2.1	3.6	2.7	6.0	4.1	1.5	1.4	1.3	2.6	2.4	1.5	1.9	2.63	12	6.0
17	1.0	1.8	1.9	2.6	2.4	2.6	2.4	2.6	1.5	1.1	0.8	0.7	1.81	12	2.6
18	0.6	1.2	0.4	1.0	1.0	1.5	1.3	1.2	1.3	0.8	0.9	1.0	1.06	12	1.5
19	0.8	0.5	0.4	1.0	1.2	0.7	0.3	1.0	0.5	1.0	1.0	1.1	0.82	12	1.2
20	3.4	1.6	4.9	0.9	0.5	0.9	0.9	0.8	1.0	1.3	0.4	0.6	1.48	12	4.9
21	1.5	1.3	1.8	2.6		1.4	1.2	1.5	1.9	1.0	1.0	0.7	1.49	11	2.6
22	1.1	0.8	0.4	1.1	1.5	1.2	1.6	1.6	1.6	0.9	0.7	0.8	1.15	12	1.6
23	0.6	0.6	0.9	1.6	1.4	1.4	0.7	0.8	0.8	0.7	1.1	0.4	0.96	12	1.6
24	0.3	0.4	0.6	1.4	1.3	0.9	0.8	0.9	1.0	0.8	0.8	1.5	0.93	12	1.5
25	1.2	1.3	2.9	2.9	2.0	1.0									
26															
27															
28															
29															
30						0.6	1.3	1.8	1.3	1.2	0.8	1.5	1.25	07	1.8
31	1.5	1.6	2.8	1.4	1.0	1.0	1.5	2.3	1.8	1.9	1.4	0.7	1.62	12	2.8
AVG	1.34	1.29	1.41	1.64	1.75	1.36	1.29	1.33	1.46	1.38	1.17	1.28	1.38		
N(3)	26	26	26	26	22	26	26	26	26	26	26	26		303	
MAX*	3.4	3.6	4.9	6.0	4.1	3.3	2.4	2.6	2.7	2.8	2.5	3.9	2.63		6.0

(1) N=NUMBER OF VALID 2-HR SPOTS
(2) MAX=MAXIMUM 2-HR COH (DY)
(3) N=DAYS WITH VALID VALUES
* MAX=MAXIMUM 2-HR COH (MO)
VALUES GREATER THAN 6.0 UNDERESTIMATE ACTUAL VALUE

TABULATED 03/21/67

CONTINUOUS AIR MONITORING PROGRAM
AISI SPOT (COH/1000 LIN.FT.)

DAY OF MONTH — TIME (STARTING HOUR) — ST LOUIS MISSOURI — APRIL/66

DAY OF MONTH	0000	0200	0400	0600	0800	1000	1200	1400	1600	1800	2000	2200	AVG	N (1)	MAX (2)
01	1.1	0.7	1.3	1.5		1.6	1.4	1.3	0.8	1.1	0.8	0.7	1.16	11	1.6
02	0.6	0.5	0.8	1.1	0.9	0.6	0.4	0.8	1.0	1.4	1.4	2.3	1.03	12	2.3
03	0.7	1.0	1.1	1.8	1.0	0.5	0.3	1.0	0.7	1.0	0.8	0.6	0.90	12	1.8
04	0.5	0.9	1.2	1.7	1.2	0.7	0.8	0.7	0.7	0.9	0.6	0.8	0.93	12	1.7
05	0.8	1.0	0.9	0.8	0.9	0.6	0.5	0.8	1.0	0.5	0.6	0.6	0.80	12	1.0
06	0.9	0.4	0.8	1.4	0.6	1.5	0.7	0.7	0.9	1.1	1.5	1.2	1.01	12	1.5
07	1.5	1.0	1.4	1.8	1.0	0.5	0.8	0.6	1.0	1.1	1.2	1.7	1.16	12	1.8
08	1.8	1.0	3.4	1.6	1.2	0.8	0.9	0.8	0.8	0.8	0.6	0.6	1.23	12	3.4
09		1.0	0.9	1.6	0.3	0.5	0.3	0.1	0.4	0.9	1.7	1.7	0.90	11	1.7
10	1.5	3.2	5.5	7.5	1.9	0.7	0.6	0.4	0.8	0.9	1.2	1.3	2.16	12	7.5
11	1.0	0.6	0.5	1.3											
12															
13															
14															
15															
16															
17															
18															
19															
20															
21															
22															
23															
24															
25															
26															
27															
28															
29															
30															
AVG															
N(3)														118	
MAX*													2.16		7.5

(1) N=NUMBER OF VALID 2-HR SPOTS
(2) MAX=MAXIMUM 2-HR COH (DY)
(3) N=DAYS WITH VALID VALUES
* MAX=MAXIMUM 2-HR COH (MO)
VALUES GREATER THAN 6.0 UNDERESTIMATE ACTUAL VALUE

TABULATED 03/21/67

CONTINUOUS AIR MONITORING PROGRAM
AISI SPOT (COH/1000 LIN.FT.)

ST LOUIS MISSOURI — MAY/66

DAY OF MONTH	TIME (STARTING HOUR) 0000	0200	0400	0600	0800	1000	1200	1400	1600	1800	2000	2200	AVG	N (1)	MAX (2)
01															
02															
03															
04															
05							0.8								
06															
07															
08															
09						1.1	1.1	1.2	1.0	1.0	1.9	0.8	1.20	07	1.9
10	0.9	1.2	2.0	2.9	1.3	1.0	1.1	2.0	1.6	1.4	1.7	1.3	1.57	12	2.9
11	1.2	1.4	1.2	2.2	1.4	2.0	3.2	2.8	2.0	1.1	1.2	1.0	1.77	12	3.2
12	0.8	0.6	0.4	1.2	1.0	0.8	0.9	1.1	1.0	1.4	1.0	2.0	1.09	12	2.0
13	0.9	1.6	1.3	1.6	1.9	1.1	1.0	1.4	1.0	1.0	0.9	0.4	1.23	12	1.9
14	0.6	0.7	0.7	1.1	0.9	1.4	1.2	0.8	1.2	1.6	1.7	0.5	1.08	12	1.7
15	0.7	0.8		1.4	0.8	1.2									
16						1.3	1.3	1.7	1.7	1.8	1.3	1.6	1.57	07	1.8
17	1.5	0.8	1.0	1.7	2.2	1.1	1.4	1.6	1.9	1.2	0.4	0.5	1.32	12	2.2
18	2.2	0.3	0.4	0.7	0.8	0.3	0.8	0.5	0.7	0.5	1.0	2.3	0.90	12	2.3
19	1.8	1.5	1.7	1.2	0.5	0.6	0.9	0.8	0.7	0.8	1.5	1.9	1.20	12	1.9
20	1.7	0.3	1.3	2.4	1.4	1.2	1.3	1.1	1.4	2.8	1.5	0.9	1.56	12	2.8
21	1.5	0.8	1.0	1.6	1.5	0.5	0.9	0.7	0.8	1.2	1.3	0.8	1.09	12	1.6
22	0.8	0.5	1.0	1.2	1.0	0.6	0.6	0.6	0.8	1.1	1.0	0.7	0.87	12	1.2
23	0.7	0.8	0.5	1.3		1.2	1.2	1.4	0.9	0.9	0.2	0.2	0.88	11	1.4
24	0.2	0.1	0.4	0.7	0.3	0.8	0.4	0.7	0.5	0.7	0.9	1.4	0.64	12	1.4
25	1.0	2.3	2.1	3.0	1.6	0.9	0.9	1.0	1.3	0.7	1.6	1.5	1.53	12	3.0
26	1.3	2.1	1.1	1.5	1.1	0.6	0.6	0.5	0.4	0.9	1.9	1.0	1.13	12	2.1
27	1.0	1.3	1.1	1.0	1.0	0.7	0.4	0.8	1.1	0.8	1.1	1.4	1.01	12	1.4
28	1.0	0.8	0.9	0.9	0.9	0.7	0.8	0.5	0.7	0.9	0.9	0.7	0.85	12	1.0
29	0.6	0.6	0.6	0.4	0.6	0.3	0.6	0.2	0.4	0.5	0.7	0.4	0.57	12	0.7
30	0.6	0.3	0.4	0.4	0.5	0.2	0.2	0.5	0.0	0.3	0.6	0.7	0.44	12	0.7
31	0.3	1.1	1.0	1.3	1.1	0.6	0.7	0.9	0.5	0.6	0.7	1.0	0.86	12	1.3
AVG	1.01	0.95	0.99	1.40	1.12	0.86	0.97	1.03	0.99	1.05	1.14	1.04	1.05		
N(3)	22	22	21	22	20	22	22	22	22	22	22	22		253	
MAX*	2.2	2.3	2.1	3.0	2.2	2.0	3.2	2.8	2.0	2.8	1.9	2.3	1.77		3.2

(1) N=NUMBER OF VALID 2-HR SPOTS
(2) MAX=MAXIMUM 2-HR COH (DY)
(3) N=DAYS WITH VALID VALUES
* MAX=MAXIMUM 2-HR COH (MO)
VALUES GREATER THAN 6.0 UNDERESTIMATE ACTUAL VALUE

TABULATED 03/21/67

CONTINUOUS AIR MONITORING PROGRAM
AISI SPOT (COH/1000 LIN.FT.)

ST LOUIS MISSOURI — JUNE/66

DAY OF MONTH	TIME (STARTING HOUR) 0000	0200	0400	0600	0800	1000	1200	1400	1600	1800	2000	2200	AVG	N (1)	MAX (2)
01	1.1	1.2	2.2	3.2	1.7	1.4	1.5	1.3	1.2	1.0	1.6	2.3	.69	12	3.2
02	2.4	2.7	2.0	2.1	1.6	1.3	1.1	1.4	1.4	0.9	0.9	0.8	1.57	12	2.7
03	1.4	1.0	1.2	1.4	1.4	1.1	1.0	1.3	1.4	1.0	1.5	1.2	1.29	12	1.5
04	0.9	0.8	0.6	1.0	1.3	1.2	1.4	1.2	0.7	0.7	0.9	0.7	1.01	12	1.4
05	0.5	0.4	0.6	0.6	0.8	1.1	0.7	0.3	0.7	0.7	0.9	.4	0.68	12	1.1
06	0.8	0.4	0.6	1.2	1.3	0.6	0.5	0.7	0.4	0.4	0.4	1.2	0.76	12	1.3
07	1.7	2.0	1.8	2.4	1.5	0.8	0.7	1.5	0.9	0.8	1.2	0.6	1.36	12	2.4
08	0.4	0.5	1.2	1.4	1.2	1.6	1.5	1.4	0.8	0.8	0.6	0.9	1.05	12	1.6
09	1.0	0.7	0.6	1.1	1.1	0.5	0.6	0.6	0.6	0.2	0.2	0.4	0.67	12	1.1
10	0.4	0.2	0.3	1.1	0.8	1.0	0.9	1.2	1.8	0.9	1.4	1.3	0.98	12	1.8
11	2.9	1.3	2.2	1.0	0.8	1.0	0.8	0.7	0.7	0.8	0.8	0.6	1.17	12	2.9
12	1.2	0.6	0.6	0.8	0.8	1.0	0.6	0.7	0.9	0.7	0.7	0.9	0.84	12	1.2
13	0.1	0.3	0.6	1.1	1.0	1.4	1.1	1.0	0.6	0.7	0.5	1.0	0.82	12	1.4
14	0.4	0.5	0.9	0.7	1.3	0.7	0.6	0.9	0.6	0.6	0.9	1.4	0.83	12	1.4
15	0.9	0.8	1.2	1.6	1.7	0.9	0.9	1.3	1.2	0.9	0.5	0.3	1.07	12	1.7
16	0.3	0.5	0.7	0.8	0.5	0.7	0.4	0.5	0.7	0.5	0.6	0.8	0.62	12	0.8
17	1.3	1.6	1.2	1.2	1.0	0.4	1.6	1.1	1.3	0.8	0.9	0.9	1.15	12	1.6
18	1.0	0.8	1.3	2.4	1.4	0.4	0.6	0.6	0.2	0.6	0.6	1.1	0.97	12	2.4
19	2.0	2.4	1.9	2.6	0.8	0.9	0.7	0.7	0.8	0.4	1.0	1.0	1.31	12	2.6
20	1.1	1.3	1.5	1.7	1.4	1.6	1.3	1.6	1.0	1.1	0.8	1.2	1.33	12	1.7
21	1.0	0.9	1.4	1.8	1.5	1.3	0.8	1.1	1.3	1.1	1.1	1.2	1.26	12	1.8
22	1.4	1.6	2.1	2.8	1.3	1.2	1.0	1.4	0.9	1.1	1.3	1.1	1.49	12	2.8
23	1.2	1.0	0.8	2.4	1.7	1.5	0.9	1.5	1.2	0.9	1.2	0.7	1.29	12	2.4
24	0.8	0.9	1.3	2.0	1.1	1.1	1.2	1.4	1.0	0.8	1.1	.6	1.13	12	2.0
25	0.9	0.7	0.7	0.9	0.9	0.6	0.7	0.7	1.0	0.4	0.7	0.6	0.78	12	1.0
26	0.6	0.7	0.8	0.8	0.8	0.4	0.2	0.5	0.7	0.7	0.8	0.9	0.70	12	0.9
27	0.8	0.9	1.8	1.7	2.0	1.3	1.5	1.3	1.2	0.6	1.0	0.9	1.30	12	2.0
28	0.6	0.6	1.0	1.6	0.6	1.1	1.0	1.0	0.8	0.4	0.7	.6	0.88	12	1.6
29	0.6	0.3	0.5	0.9	0.8	0.7	0.6	0.9	1.1	1.2	1.6	1.2	0.92	12	1.6
30	1.1	0.8	0.9	2.0	1.0	1.0	0.8	1.3	1.1	0.8	0.8	2.0	1.16	12	2.0
AVG	1.02	0.94	1.15	1.54	1.17	0.99	0.90	1.03	0.94	0.75	0.90	0.96	1.01		
N(3)	30	30	30	30	30	30	30	30	30	30	30	30		360	
MAX*	2.9	2.7	2.2	3.2	2.0	1.6	1.6	1.6	1.8	1.2	1.6	2.3	1.69		3.2

(1) N=NUMBER OF VALID 2-HR SPOTS
(2) MAX=MAXIMUM 2-HR COH (DY)
(3) N=DAYS WITH VALID VALUES
* MAX=MAXIMUM 2-HR COH (MO)
VALUES GREATER THAN 6.0 UNDERESTIMATE ACTUAL VALUE

TABULATED 03/21/67

CONTINUOUS AIR MONITORING PROGRAM
AIS! SPOT (COH/1000 LIN.FT.)

DAY OF MONTH — TIME (STARTING HOUR) — ST LOUIS MISSOURI — JULY/66

DAY OF MONTH	0000	0200	0400	0600	0800	1000	1200	1400	1600	1800	2000	2200	AVG	N (1)	MAX (2)
01	1.7	1.0	1.3	2.5	0.9	0.3	0.2	0.8	1.0	1.3	1.1	1.4	1.18	12	2.5
02	1.0	0.6	0.8	0.7	1.0	0.6	0.5	0.5	0.5	0.7	0.7	0.5	0.71	12	1.0
03	0.7	0.9	3.3	0.8	0.3	0.5	0.4	0.2	0.1	0.1	0.6	0.3	0.72	12	3.3
04	0.1	0.4	0.3	0.4	0.4	0.2	0.4	0.3	0.2	0.5	1.0	0.9	0.47	12	1.0
05	0.5	0.7	0.8	1.1	0.8	0.3	0.4	0.1	0.1	0.1	0.5	0.0	0.50	12	1.1
06	0.1		0.3	0.3	0.3	0.4	0.6	0.6	0.4	0.6	0.7	0.8	0.49	11	0.8
07	1.0	0.4	0.4	0.7	0.4	0.3	0.4	0.2	0.0	0.3	0.4	0.4	0.46	12	1.0
08	0.9	0.7	0.5	0.6	0.3	0.3	0.3	0.7	0.9	0.6	0.6	0.5	0.61	12	0.9
09	0.4	0.3	0.9	0.8	0.6	0.8	0.6	0.6		0.2			0.61	09	0.9
10	0.6	0.8	0.7	0.4	0.2		0.2	0.2	0.7	0.6	0.7	0.8	0.58	11	0.8
11	1.0	0.4	1.0	1.2	0.7	0.6	0.4	0.5	1.1	0.4	0.7	0.7	0.78	12	1.2
12	0.6	0.2	0.7	1.1	0.6	0.4	0.6	0.1	0.1	0.3	0.2	0.5	0.50	12	1.1
13	0.1	0.4	0.1	0.7	0.7	0.2	0.3	0.6	0.3	0.8	0.6	0.8	0.52	12	0.8
14	1.0	0.8	0.5	0.6	0.4	0.3	0.1	0.6	0.7	0.1	0.7	0.9	0.59	12	1.0
15	0.6	0.7	0.6	0.5	0.8	0.6	0.4	0.7	0.7	0.3	0.6	0.2	0.60	12	0.8
16	0.5	0.1	0.5	0.5	0.6	0.4	0.3	0.8	0.6	0.7	0.5	0.5	0.52	12	0.8
17	0.2	0.2	0.6	1.1	0.3	0.2	0.4		0.1	0.0	0.4	0.3	0.38	11	1.1
18	0.3	0.6	0.4	0.8	0.4	0.2	0.3	0.5	0.2	0.5	0.7	0.8	0.51	12	0.8
19	0.5	0.5	0.3	0.6	0.4	0.4	3.9	2.4	0.6	0.3	0.4	0.6	0.95	12	3.9
20	0.7	0.4			0.4	0.4	0.3	0.6	0.2	0.7	0.5	0.5	0.50	10	0.7
21	0.3	0.5	0.2	1.0	0.5	0.4	0.5	1.2	0.9	0.6	0.9	0.6	0.67	12	1.2
22	0.5	0.5	0.8	0.6	0.9	0.6	0.6	1.0	0.7	0.6	1.3	1.2	0.82	12	1.3
23	1.0	1.6	1.0	1.0	0.7	0.5	0.5	0.4	0.5	0.2	0.2		0.73	11	1.6
24	0.1	0.1	0.4	0.0	0.4	0.0	0.0		0.2		0.4	0.2	0.24	10	0.4
25	0.5	0.4	0.5	0.5	1.0	0.9	1.0	1.0	0.8	0.6	0.6	0.9	0.76	12	1.0
26	0.6		0.1	0.6	0.9	0.4	0.4	0.3	0.2	0.3	0.1	0.5	0.43	11	0.9
27	0.7	0.4	0.7	1.2	0.8	0.3	0.4	0.9	0.6	1.1	0.2	0.0	0.66	12	1.2
28	0.3	0.2	0.3	0.6	0.9	1.1	0.5	0.5	0.4	0.3	0.4	0.2	0.52	12	1.1
29	0.6	0.3	0.3	0.5	0.6	0.3	0.7	0.6	0.6	0.2	0.6	0.7	0.54	12	0.7
30	0.4	0.2	0.1	0.5	1.0	0.5	0.4	0.3	0.6	0.6	0.4		0.48	11	1.0
31	0.4	0.5	0.1	0.4	0.5	0.3	0.4	0.3	0.6	0.5	0.6	0.4	0.46	12	0.6
AVG	0.57	0.51	0.61	0.74	0.60	0.42	0.52	0.60	0.48	0.47	0.57	0.57	0.55		
N(3)	31	29	30	30	31	30	31	29	30	30	30	28		350	
MAX*	1.7	1.6	3.3	2.5	1.0	1.1	3.9	2.4	1.1	1.3	1.3	1.4	1.18		3.9

(1) N=NUMBER OF VALID 2-HR SPOTS
(2) MAX=MAXIMUM 2-HR COH (DY)
(3) N=DAYS WITH VALID VALUES
* MAX=MAXIMUM 2-HR COH (MO)
VALUES GREATER THAN 6.0 UNDERESTIMATE ACTUAL VALUE

TABULATED 03/21/67

CONTINUOUS AIR MONITORING PROGRAM
AISI SPOT (COH/1000 LIN.FT.)

ST LOUIS MISSOURI — AUG/66

DAY OF MONTH	TIME (STARTING HOUR) 0000	0200	0400	0600	0800	1000	1200	1400	1600	1800	2000	2200	AVG	N (1)	MAX (2)
01	0.7	0.6	0.2	0.7	0.9	0.5	0.4	0.5	0.7	0.5	0.5	0.3	0.59	12	0.9
02	0.5	0.2	0.2	0.3	0.3	0.6	0.3	0.4	0.3		0.7	0.3	0.42	11	0.7
03	0.3	0.2	0.2	0.7	0.3	0.3	0.3	0.2		0.3	0.1	0.0	0.32	11	0.7
04	0.1	0.2	0.2	1.1	0.5	0.3	0.2	0.8	0.0		0.2	0.1	0.37	11	1.1
05	0.7	0.3	0.1	0.1	0.1		0.3	0.6	0.4	0.4	0.5	0.6	0.41	11	0.7
06	0.5	1.0	1.1	1.0	1.3	0.4	0.3	0.0	0.2	0.0	0.1	0.5	0.58	12	1.3
07	0.5		0.1	0.3	0.2	0.1		0.2		0.1	0.2	0.2	0.23	09	0.5
08	0.5	0.0	0.0	0.2	0.3	0.5	0.4	0.4	0.6	0.4	0.5	0.5	0.41	12	0.6
09	0.1	0.5	0.8	1.0	0.9	0.8	0.8	1.2	0.8	0.8	1.0	0.8	0.84	12	1.2
10	1.0	0.2	0.6	1.5	1.1	1.1	1.1	1.1	0.4	0.0	0.2	0.1	0.75	12	1.5
11	0.2	0.1	0.4	0.8	0.5	0.6	1.1	0.6	0.7	0.7	1.2	1.7	0.76	12	1.7
12	1.8	1.2	1.3	1.6	0.9	0.9	0.8	1.4	1.2	0.9	0.6	0.5	1.13	12	1.8
13	0.4	0.4	0.3	0.5	0.4	0.8	0.4	0.7	0.6	0.6	0.9	1.4	0.65	12	1.4
14	0.6	0.5	0.9	0.8	0.4	0.1	0.5	0.4	0.3	0.5	0.2	0.6	0.52	12	0.9
15	0.4	0.2	0.6	0.8	0.9	0.5	0.5	0.8	0.6	0.5	0.7	0.7	0.64	12	0.9
16	0.6	0.5	0.7	0.7	0.8	0.5	0.4	0.7	0.5	0.4	0.8	1.2	0.70	12	1.2
17	1.0	0.8	1.1	1.2	1.0	0.6	0.6	1.3	1.0	1.2	0.9	0.9	1.01	12	1.3
18	0.6	0.3	0.8	1.1	0.7	0.5	1.0	1.8	0.7	0.5	0.3	0.8	0.81	12	1.8
19	0.7	0.4	0.8	1.5	1.3	1.5	0.9	1.0	0.8	0.7	0.6	0.7	0.95	12	1.5
20	0.9	1.1	0.7	0.6	0.5	0.6	0.4	0.4	0.2	0.6	0.5	0.1	0.60	12	1.1
21	0.3	0.5	0.5	0.2	0.4	0.2	0.3	0.2	0.5	0.2	0.5	0.3	0.40	12	0.5
22	0.3	0.2	0.3	0.4	0.7	0.2	0.3	0.4	0.3	0.3	0.0	0.0	0.31	12	0.7
23	0.1	0.2	0.3	0.6	0.3	0.4	0.5	0.5	0.4	0.3	0.3	0.2	0.38	12	0.6
24	0.3	0.3	0.8	1.0	0.7	0.5	0.2	0.4	0.4	0.2	0.3	0.7	0.51	12	1.0
25	1.2	0.9	1.0	0.9	0.5	0.4	0.3	0.6	0.2	0.6	1.1	0.8	0.74	12	1.2
26	0.8	0.6	0.8	1.1	0.7	0.6	0.4	0.7	0.5	0.7	1.0	0.7	0.76	12	1.1
27	0.6	0.2	0.7	0.8	0.5	0.5	0.3	0.4	0.5	0.3	0.3	0.7	0.53	12	0.8
28	0.6	0.8	0.8	0.8	0.4	0.2	0.4	0.2	0.3	0.7	0.5	0.7	0.57	12	0.8
29	1.0	2.0	1.6	1.2	0.9	0.7	0.6	0.8	1.4	1.0	1.1	0.7	1.11	12	2.0
30	1.0	1.3	1.2	1.7	0.8	1.5	0.6	1.6	0.8	1.0	1.0	1.9	1.25	12	1.9
31	0.9	1.6	2.2	2.2	1.1	0.7	0.8	0.9	0.8	0.8	1.1	1.3	1.22	12	2.2
AVG	0.61	0.57	0.68	0.88	0.65	0.57	0.51	0.68	0.55	0.52	0.57	0.64	0.62		
N(3)	31	30	31	31	31	30	30	31	29	29	31	31		365	
MAX*	1.8	2.0	2.2	2.2	1.3	1.5	1.1	1.8	1.4	1.2	1.2	1.9	1.25		2.2

(1) N=NUMBER OF VALID 2-HR SPOTS
(2) MAX=MAXIMUM 2-HR COH (DY)
(3) N=DAYS WITH VALID VALUES
* MAX=MAXIMUM 2-HR COH (MO)
VALUES GREATER THAN 6.0 UNDERESTIMATE ACTUAL VALUE

TABULATED 03/21/67

CONTINUOUS AIR MONITORING PROGRAM
AISI SPOT (COH/1000 LIN.FT.)

ST LOUIS MISSOURI — SEPT/66

DAY OF MONTH	TIME (STARTING HOUR) 0000	0200	0400	0600	0800	1000	1200	1400	1600	1800	2000	2200	AVG	N (1)	MAX (2)
01	1.1	1.6	1.5	1.8	1.2	0.7	0.5	1.4	0.9	0.7	0.9	0.9	1.13	12	1.8
02	1.0	0.6	0.7	1.1	1.0	0.7	0.7	1.0	0.7	0.5	0.6	0.4	0.80	12	1.1
03	0.6	0.7	0.6	0.5	0.3	0.4	5.9	0.9	0.6	0.5	0.6	0.6	1.05	12	5.9
04	0.6	0.1	0.4	0.5	0.3	0.2	0.4	0.3	0.4	0.5	0.3	0.2	0.38	12	0.6
05	0.2	0.8	0.7	0.7	0.4	0.1	0.4	0.5	0.2	0.6	0.4	0.5	0.50	12	0.8
06	0.2	0.6	0.2	0.7	0.5	0.3	0.4	0.6	0.6	0.7	0.7	1.2	0.60	12	1.2
07	1.1	0.7	0.9	0.9	0.9	0.4	0.3	0.8	0.6	0.8	1.2	0.9	0.85	12	1.2
08	1.2	1.3	0.9	1.5	1.1	0.8	0.6	0.9	1.0	0.7	1.0	1.3	1.06	12	1.5
09	1.8	1.5	0.7	1.6	1.6	0.9	0.8	0.9	1.0	1.0	1.0	0.9	1.18	12	1.8
10	1.0	1.0	1.2	1.2	0.9	0.9	0.9	0.7	0.8	0.7	1.4	0.7	0.99	12	1.4
11	0.5	0.6	0.5	0.8	1.0	0.6	1.2	1.3	0.7	0.8	0.7	0.6	0.81	12	1.3
12	0.8	0.8	0.7	1.2	0.9	0.7	1.0	1.1	1.2	1.4	1.0	1.0	1.02	12	1.4
13	0.8	1.3	1.7	1.4	0.9	1.1	1.4	1.3	1.0	1.1	1.2	1.1	1.22	12	1.7
14	0.9	0.9	1.2	1.5	1.2	1.4	0.9	0.8	0.9	0.2	0.3	0.1	0.89	12	1.5
15	0.3	0.1	0.4	0.5	0.6	0.4	0.6	0.7	0.4	0.7	0.9	0.8	0.57	12	0.9
16	0.4	0.4	0.5	0.9	1.7	1.6	0.8	1.0	1.0	1.0	0.8	1.6	1.00	12	1.7
17	1.4	1.3	2.1	2.2	1.5	0.4	0.4	0.5	0.3	0.4	0.5	1.9	1.11	12	2.2
18	0.8	0.8	0.8	0.9	0.9	0.8	0.8	1.2	0.8	0.7	0.4	0.4	0.81	12	1.2
19	0.1	0.1	0.3	0.8	1.1	1.0	0.9	1.3	1.1	0.9	1.3	1.2	0.88	12	1.3
20	1.1	0.7	1.1	1.6	1.2	1.2	0.9	1.8	1.2	0.8	0.4	0.9	1.13	12	1.8
21	0.2	0.5	0.6	1.0	0.8	0.8	0.6	0.9	0.7	1.4	2.3	2.2	1.06	12	2.3
22	1.1	0.5	0.6	1.5	1.2	0.5	0.8	0.5	0.7	1.2	1.6	1.8	1.04	12	1.8
23	1.0	0.7	0.8	1.2	0.9	0.7	0.5	0.6	0.5	0.7	0.7	2.2	0.92	12	2.2
24	2.1	1.4	1.6	2.4	2.2	1.2	0.6	0.5	0.6	0.8	0.5	0.8	1.27	12	2.4
25	0.6	0.7	0.7	1.1	0.9	0.9	0.6	1.0	0.8	0.5	0.8	0.5	0.79	12	1.1
26	0.2	0.7	0.8	1.2	1.3	0.9	1.4	1.6	1.3	1.0	1.3	1.0	1.10	12	1.6
27	1.1	1.0	1.2	1.4	0.8	0.7	0.9	1.2	0.7	1.5	1.6	1.4	1.17	12	1.6
28	1.9	1.6	2.4	2.9	2.2	1.3	0.6	0.7	0.9	0.9	1.3	1.3	1.55	12	2.9
29	1.2	1.2	0.9	1.2	1.1	0.8	0.6	0.7	0.6	0.8	0.4	0.5	0.86	12	1.2
30	0.2	0.5	0.4	1.2	1.2	0.7	0.7	1.1	1.3	1.3	1.1	0.9	0.93	12	1.3
AVG	0.85	0.82	0.90	1.24	1.06	0.77	0.90	0.92	0.78	0.82	0.90	0.99	0.91		
N(3)	30	30	30	30	30	30	30	30	30	30	30	30		360	
MAX*	2.1	1.6	2.4	2.9	2.2	1.6	5.9	1.8	1.3	1.5	2.3	2.2	1.55		5.9

(1) N=NUMBER OF VALID 2-HR SPOTS
(2) MAX=MAXIMUM 2-HR COH (DY)
(3) N=DAYS WITH VALID VALUES
* MAX=MAXIMUM 2-HR COH (MO)
VALUES GREATER THAN 6.0 UNDERESTIMATE ACTUAL VALUE

TABULATED 04/10/67

CONTINUOUS AIR MONITORING PROGRAM
AISI SPOT (COH/1000 LIN.FT.)

ST LOUIS MISSOURI — OCT/66

DAY OF MONTH	TIME (STARTING HOUR) 0000	0200	0400	0600	0800	1000	1200	1400	1600	1800	2000	2200	AVG	N (1)	MAX (2)
01	0.7	0.5	0.7	0.9	0.6	0.6	0.4	0.4	0.4	1.2	1.8	1.3	0.82	12	1.8
02	0.6	0.7	0.6	1.1	0.5	0.5	0.4	0.5	0.5	0.3	0.5	0.8	0.63	12	1.1
03	0.7	0.3	0.2	1.2	1.4	1.2	0.8	1.4	1.6	0.7	0.9	0.9	0.97	12	1.6
04	0.5	0.2	0.4	0.9	0.7	0.6	0.4	0.7	0.6	0.5	0.5	0.4	0.58	12	0.9
05	0.5	0.5	0.9	2.1	0.7	0.3	0.6	0.5	0.4	0.9	0.7	0.8	0.78	12	2.1
06	2.7	3.3	3.4	3.5	3.0	1.2	0.9	1.3	1.3	1.7	1.4	1.5	2.16	12	3.5
07	1.5	1.0	1.4	2.1	1.8	1.2	1.2	1.6	1.2	1.4	1.1	1.3	1.44	12	2.1
08	0.8	0.7	1.0	1.1	1.2	1.1	13.1	1.6	0.6	0.3	0.2	0.3	1.89	12	13.1
09	0.2	0.2	3.4	1.9	1.8	1.0	0.8	1.1	0.5	0.5	0.3	0.3	1.04	12	3.4
10	0.5	0.3	1.0	1.5	1.3	0.8	0.5	0.7	1.0	1.4	0.8	0.8	0.93	12	1.5
11	0.9	0.8	1.7	2.5	2.0	0.5	0.4	0.9	1.4	1.6	1.3	0.7	1.27	12	2.5
12	1.0	1.1	1.1	2.3	1.3	0.8	0.9	1.6	0.9	0.7	0.9	0.8	1.15	12	2.3
13	1.1	0.6	0.7	1.4	0.8	0.9	0.7	1.4	1.1	0.2	0.2	0.6	0.86	12	1.4
14	0.2	0.4	0.4	0.8	0.7	1.1	0.9	1.4	0.6	0.6	0.6	0.3	0.70	12	1.4
15	0.5	0.3	0.3	0.5	0.4	0.5	0.3	0.4	0.5	0.3	0.3	0.3	0.42	12	0.5
16		0.2	0.2	0.3	0.1	0.6	0.5	0.4	0.4	0.4	0.4	0.4	0.40	11	0.6
17	0.4	1.1	2.2	3.7	2.8	1.9	1.3	1.7	1.9	1.9	1.8	1.0	1.86	12	3.7
18	1.1	0.8	0.5	1.1	1.5	1.5	1.5	1.1	1.3	0.3	0.5	0.3	1.00	12	1.5
19	0.2	0.2	0.7	1.1	0.8	0.7	1.2	0.9	1.5	2.3	1.8	2.1	1.17	12	2.3
20	1.8	1.4	2.4	3.5	1.8	0.9	0.8	1.0	1.3	0.9	0.6	1.2	1.53	12	3.5
21	1.3	1.0	1.1	1.6	1.3	1.2	1.2	1.9	1.2	0.6	0.7	0.6	1.17	12	1.9
22	0.6	0.5	0.9	0.8	0.8	0.5	0.5	0.5	0.7	1.1	1.3	1.1	0.81	12	1.3
23	0.7	1.5	1.7	2.4	2.8	1.7	0.8	0.5	1.2	2.7	2.7	3.6	1.90	12	3.6
24	2.5	3.0	4.1	5.5	1.8	1.2	1.1	0.9	1.4	1.7	2.0	1.7	2.28	12	5.5
25	1.2	1.6	1.5	3.0	3.2	1.8	1.0	1.0	1.2	1.8	2.5	3.3	1.97	12	3.3
26	3.5	3.3	3.3	3.6	2.7	1.3	1.4	1.5	2.1	3.6	2.9	2.1	2.66	12	3.6
27	1.5	0.8	1.6	3.1	2.3	1.5	1.4	1.9	1.9	1.5	1.6	1.2	1.73	12	3.1
28	0.9	0.9	1.4	3.0	2.3	1.4	0.9	1.2	1.7	2.5	1.1	0.4	1.51	12	3.0
29	0.3	0.5	0.6	0.9	0.8	1.0	0.8	0.6	1.1	1.0	0.9	0.7	0.81	12	1.1
30	0.6	0.6	0.5	1.2	1.0	0.5	0.5	0.4	0.4	0.4	0.5	0.4	0.64	12	1.2
31	0.8	0.9	1.2	1.6	2.0	1.1	1.0	1.4	1.2	0.9	0.4	0.1	1.08	12	2.0
AVG	0.99	0.94	1.32	1.94	1.49	1.00	1.23	1.04	1.06	1.15	1.07	1.00	1.18		
N(3)	30	31	31	31	31	31	31	31	31	31	31	31		371	
MAX*	3.5	3.3	4.1	5.5	3.2	1.9	13.1	1.9	2.1	3.6	2.9	3.6	2.66		13.1

(1) N=NUMBER OF VALID 2-HR SPOTS
(2) MAX=MAXIMUM 2-HR COH (DY)
(3) N=DAYS WITH VALID VALUES
* MAX=MAXIMUM 2-HR COH (MO)
VALUES GREATER THAN 6.0 UNDERESTIMATE ACTUAL VALUE

TABULATED 03/21/67

CONTINUOUS AIR MONITORING PROGRAM
AISI SPOT (COH/1000 LIN.FT.)

DAY OF MONTH — TIME (STARTING HOUR) — ST LOUIS MISSOURI — NOV/66

DAY OF MONTH	0000	0200	0400	0600	0800	1000	1200	1400	1600	1800	2000	2200	AVG	N (1)	MAX (2)
01	0.4	0.3	0.5	0.9	1.1	1.1	0.9	1.3	1.3	0.9	0.6	0.7	0.85	12	1.3
02	0.3	0.8	0.4	1.2	2.1	2.3	2.0	2.1	1.6	0.8	1.3	1.2	1.37	12	2.3
03	1.1	0.8	0.8	1.3	1.2	1.1	1.1	0.9	2.3	2.3	3.2	1.9	1.54	12	3.2
04	2.4	1.6	1.6	2.8	2.3	1.8	1.4	1.2	1.3	1.2	0.7	0.9	1.63	12	2.8
05	0.6	0.7	1.1	1.7	2.3	1.1	1.0	0.9	0.6	1.2	1.2	1.5	1.19	12	2.3
06	1.0	1.2	0.7	1.0	1.1	1.1	0.9	1.1	1.5	1.0	1.2	1.3	1.14	12	1.5
07	1.3	1.6	1.0	1.5	2.0	1.7	1.5	1.6	2.2	0.9	0.9	0.9	1.45	12	2.2
08	0.4	0.8	0.6	1.0	1.5	1.3	1.2	1.5	2.1	1.0	1.1	0.8	1.16	12	2.1
09	0.7	0.9	1.0	1.2	1.3	1.4	1.2	1.7	1.6	0.9	0.7	0.7	1.14	12	1.7
10	0.4	0.2	0.4	0.9	1.3	1.1	0.9	1.0	1.6	1.6	4.4	1.5	1.33	12	4.4
11	1.5	2.5	1.2	1.6	2.1	1.1	1.0	1.0	2.3	3.0	2.6	2.0	1.89	12	3.0
12	2.2	0.5	0.5	0.7	1.0	1.3	1.2	1.0	1.5	1.6	1.3	1.5	1.25	12	2.2
13	0.9	1.2	0.8	1.9	2.5	3.5	2.3	2.6	2.3	4.5	6.7	4.5	2.84	12	6.7
14	3.1	2.7	3.0	4.7	5.5	4.0	3.4	1.9	4.3	5.9	5.9	3.5	4.04	12	5.9
15	5.2	3.0	1.9	4.6	3.5	2.7	3.1	2.1	3.5	2.4	1.5	1.4	2.95	12	5.2
16	1.1	1.9	2.0	2.7	2.5	1.8	1.9	2.5	3.9	2.4	2.3	2.5	2.33	12	3.9
17	1.5	2.4	1.7	2.1	2.9	5.4	2.2	2.4	3.2	3.1	1.8	1.6	2.57	12	5.4
18	1.4	1.2	0.7	1.6	2.0	0.8	1.5	1.7	1.8	1.0	0.8	1.4	1.36	12	2.0
19	1.4	0.9	1.2	1.6	1.8	1.6	1.7	1.2	1.4	3.9	3.8	1.8	2.07	12	3.9
20	2.4	1.3	1.5	2.1	1.8	1.3	0.8	1.4	1.7	2.3	2.5	2.4	1.83	12	2.5
21	2.3	1.8	1.9	3.1	3.7	2.9	2.3	2.3	2.7	1.5	1.3	0.9	2.27	12	3.7
22	1.0	0.9	1.1	1.3	1.7	1.5	1.6	2.2	2.9	1.2	1.0	1.2	1.50	12	2.9
23	1.1	1.1	1.3	1.4	1.5	1.7	1.8	1.6	1.9	1.2	0.9	1.4	1.44	12	1.9
24	1.0	0.6	0.6	1.4	1.3	1.1	1.1	0.8	1.1	0.8	1.1	1.0	1.02	12	1.4
25	1.1	0.9	0.8	0.8	1.5	1.1	1.5	1.4	3.0	1.4	1.0	1.2	1.35	12	3.0
26	0.9	0.7	1.0	1.4	0.9	1.6	1.1	1.0	0.6	0.8	0.4	0.6	0.96	12	1.6
27	0.3	0.4	0.4	0.7	0.7	0.7	0.5	0.7	0.7	0.8	0.7	0.4	0.62	12	0.8
28	0.4	0.9	0.6	1.1	1.5	1.2	0.9	1.0	1.3	0.8	1.1	0.9	1.02	12	1.5
29	0.7	0.6	0.5	1.6	1.8	0.9	1.2	1.4	1.7	1.2	1.2	1.2	1.21	12	1.8
30	0.9	1.0	1.5	2.4	1.7	1.7	1.6	1.8	1.9	1.2	2.0	0.9	1.59	12	2.4
AVG	1.30	1.18	1.07	1.74	1.93	1.73	1.49	1.51	1.99	1.76	1.84	1.52	1.58		
N(3)	30	30	30	30	30	30	30	30	30	30	30	30		360	
MAX*	5.2	3.0	3.0	4.7	5.5	5.4	3.4	2.6	4.3	5.9	6.7	4.5	4.04		6.7

(1) N=NUMBER OF VALID 2-HR SPOTS
(2) MAX=MAXIMUM 2-HR COH (DY)
(3) N=DAYS WITH VALID VALUES
* MAX=MAXIMUM 2-HR COH (MO)
VALUES GREATER THAN 6.0 UNDERESTIMATE ACTUAL VALUE

TABULATED 03/21/67

CONTINUOUS AIR MONITORING PROGRAM
AISI SPOT (COH/1000 LIN.FT.)

DAY OF MONTH — TIME (STARTING HOUR) — ST LOUIS MISSOURI — DEC/66

DAY OF MONTH	0000	0200	0400	0600	0800	1000	1200	1400	1600	1800	2000	2200	AVG	N (1)	MAX (2)
01	0.9	0.4	0.6	1.0	1.0	1.3	1.0	0.9	1.7	0.7	0.8	0.6	0.95	12	1.7
02	0.8	0.3	0.4	1.2	1.1	0.7	1.4	1.0	1.4	0.8	0.8	0.7	0.93	12	1.4
03	1.1	1.8	1.1	1.0	2.2	1.2	1.0	0.9	1.7	2.1	2.1	1.8	1.55	12	2.2
04	1.4	1.3	1.5	1.1	1.0	1.4	1.3	1.1	0.8	1.1	1.4	1.1	1.25	12	1.5
05	0.6	1.1	2.1	1.7	0.2	1.8	1.3	1.7	2.4	1.0	0.9	1.0	1.36	12	2.4
06	0.8	0.9	0.8	1.3	1.1	1.0	1.3	1.3	2.2	0.8	1.0	0.6	1.12	12	2.2
07	0.7	0.5	0.4	1.2	1.5	0.8	1.6	1.2	1.7	2.2	0.8	0.9	1.16	12	2.2
08	0.4	0.2	0.2	1.2	1.1	1.5	0.6	1.0	1.1	0.8	0.6	0.6	0.81	12	1.5
09	0.4	0.7	0.8	1.5	1.9	1.4	1.4	1.3	2.1	1.0	1.0	0.8	1.23	12	2.1
10	0.4	0.5	0.4	1.0	1.3	1.1	1.4	1.2	1.2	0.9	1.1	0.6	0.96	12	1.4
11	0.5	0.2	0.4	0.7	0.7	1.4	1.3	1.3	1.4	1.1	1.3	1.3	1.00	12	1.4
12	1.2	1.4	0.9	1.1	1.0										
13															
14															
15															
16															
17															
18															
19						1.6	1.4	1.4	1.3	0.7	1.0	0.6	1.18	07	1.6
20	0.6	1.0	1.1	1.4	1.1	0.9	1.0	2.6	3.4	3.1	2.4	2.3	1.76	12	3.4
21	1.6	1.4	2.3	3.6	3.3	2.5	2.1	1.8	2.0	1.7	1.8	1.2	2.15	12	3.6
22	1.5	0.5	1.2	1.5	1.5	1.6	1.6	1.8	0.8	0.8	0.9	0.7	1.23	12	1.8
23	1.2	0.9	1.7	1.9	1.6	1.2	0.9	1.6	0.9	1.4	1.5	1.2	1.36	12	1.9
24	1.6	2.2	2.1	0.5	1.3	1.3	1.1	0.7	1.5	1.5	1.7	3.0	1.58	12	3.0
25	1.1	0.7	1.0	2.9	1.8	2.1	1.6	2.9	3.9			0.0	1.85	10	3.9
26	0.5					3.0	1.1	1.1	2.7	2.0	1.3	2.2	1.78	08	3.0
27	2.3	2.5	2.6	1.9	2.3	1.4	1.3	1.9	1.2	1.0	1.1	1.5	1.78	12	2.6
28	1.0	0.9	1.1	1.5	1.7	1.0	1.0	0.9	0.8	1.0	0.9	2.6	1.07	12	1.7
29	0.9	0.6	0.4	1.0	1.1	1.6	1.4	1.4	0.8	1.8	4.5	2.3	1.52	12	4.5
30	3.0	2.1	2.5	2.4	1.7	1.5	2.4	1.2	1.0	0.7	1.1	0.7	1.73	12	3.0
31	1.0	1.2	1.2	1.5	1.0	1.1	0.6	1.1	1.1	0.9	0.7	0.3	1.02	12	1.5
AVG	1.06	1.01	1.16	1.48	1.41	1.43	1.29	1.38	1.62	1.26	1.33	1.10	1.30		
N(3)	24	23	23	23	23	24	24	24	24	23	23	24		277	
MAX*	3.0	2.5	2.6	3.6	3.3	3.0	2.4	2.9	3.9	3.1	4.5	3.0	2.15		4.5

(1) N=NUMBER OF VALID 2-HR SPOTS
(2) MAX=MAXIMUM 2-HR COH (DY)
(3) N=DAYS WITH VALID VALUES
* MAX=MAXIMUM 2-HR COH (MO)
VALUES GREATER THAN 6.0 UNDERESTIMATE ACTUAL VALUE

NATIONAL AIR SURVEILLANCE NETWORKS

CONTINUOUS AIR MONITORING PROGRAM

1966 DATA TABULATIONS AND SUMMARIES

WASHINGTON D.C.

Air Quality and Emissions Data Branch
National Center for Air Pollution Control

Bureau of Disease Prevention and Environmental Control
Public Health Service
U.S. Department of Health, Education, and Welfare

E

The Continuous Air Monitoring Program is the National Air Surveillance Network which operates six continuous monitoring stations in major cities throughout the country. The data tabulations in this booklet are summaries of hourly concentrations of gaseous pollutants and 2-hourly summaries of soiling index levels in Washington D.C. during 1966. Also enclosed is a brief summary of monthly means and maxima in Washington D.C., and annual frequency distributions of data from all stations.

Booklets of 1966 data summaries for Cincinnati, Chicago, Denver, Philadelphia, and St. Louis are available. Similar data summaries have been or shortly will be published along with various analyses and interpretive material, for previous years' operations. Analyses of 1966 data will be published in the 1966 Annual Report of all National Air Surveillance Activities.

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NATIONAL AIR SURVEILLANCE NETWORKS
THE CONTINUOUS AIR MONITORING PROGRAM

MONTHLY MEAN AND MAXIMA SUMMARY

WASHINGTON

CARBON MONOXIDE

Month	Days Valid Data	Mo. Avg. Conc.	Max. 24 Hr. Conc. Conc.	Max. 24 Hr. Conc. Day	Max. Hrly. Avg. Conc. Conc.	Max. Hrly. Avg. Conc. Day	Max. Hrly. Avg. Conc. Hr.	Max. 5 Min. Inst. Conc. Conc.	Max. 5 Min. Inst. Conc. Day	Max. 5 Min. Inst. Conc. Time
Jan	31	3.7 ppm	7 ppm	5	19 ppm	5	07	23 ppm	5	0730
Feb	28	4.3	10	11	25	11	19	30	11	2150
Mar	31	3.2	7	2	21	2	19	29	2	1915
Apr	30	2.3	5	15	18	15	05	26	14	2050
May	31	2.3	5	23	11	23	00	12	23	0025
June	30	2.6	5	25	18	15	23	21	15	2330
July	31	2.2	4	6	10	29	07	14	29	0715
Aug	31	2.5	4	31	9	31	21	12	31	2105
Sept	27	4.0	8	16	22	16	23	26	17	0030
Oct	29	4.7	15	28	38	28	20	47	28	2035
Nov	20	4.5	10	4	16	4	17	28	7	1835
Dec	23	4.1	7	17	17	28	00	22	27	2345
Year	342	3.3	15		38			47		

NITRIC OXIDE

Month	Days Valid Data	Mo. Avg. Conc.	Max. 24 Hr. Conc. Conc.	Max. 24 Hr. Conc. Day	Max. Hrly. Avg. Conc. Conc.	Max. Hrly. Avg. Conc. Day	Max. Hrly. Avg. Conc. Hr.	Max. 5 Min. Inst. Conc. Conc.	Max. 5 Min. Inst. Conc. Day	Max. 5 Min. Inst. Conc. Time
Jan	28	0.042 ppm	0.13 ppm	5	0.46 ppm	5	08	0.51 ppm	5	0735
Feb	27	0.039	0.16	11	0.49	11	22	0.54	11	2200
Mar	31	0.027	0.10	2	0.47	2	20	0.50	2	2045
Apr	30	0.030	0.08	15	0.43	14	22	0.45	14	2210
May	31	0.023	0.09	23	0.31	23	01	0.36	11	0615
June	30	0.014	0.05	16	0.36	16	00	0.41	16	0025
July	31	0.009	0.03	6	0.09	6	07	0.10	6	0650
Aug	30	0.012	0.03	4	0.12	4	07	0.14	4	0645
Sept	28	0.026	0.10	17	0.38	17	00	0.40	16	2330
Oct	19	0.075	0.23	28	0.60	28	21	0.74	28	2045
Nov	29	0.088	0.41	23	1.02	24	21	1.15	24	2140
Dec	25	0.072	0.22	28	0.70	28	01	0.72	28	0100
Year	339	0.036	0.41		1.02			1.15		

NITROGEN DIOXIDE

Month	Days Valid Data	Mo. Avg. Conc.	Max. 24 Hr. Conc. Conc.	Max. 24 Hr. Conc. Day	Max. Hrly. Avg. Conc. Conc.	Max. Hrly. Avg. Conc. Day	Max. Hrly. Avg. Conc. Hr.	Max. 5 Min. Inst. Conc. Conc.	Max. 5 Min. Inst. Conc. Day	Max. 5 Min. Inst. Conc. Time
Jan	25	0.022 ppm	0.03 ppm	7	0.10 ppm	7	21	0.11 ppm	7	2110
Feb	0									
Mar	30	0.031	0.06	22	0.08	22	17	0.10	4	1930
Apr	30	0.039	0.06	26	0.11	26	07	0.13	26	0745
May	31	0.036	0.05	23	0.18	23	08	0.19	23	0850
June	30	0.036	0.05	21	0.12	21	22	0.12	21	2220
July	30	0.035	0.05	6	0.10	2	00	0.11	2	0040
Aug	28	0.038	0.07	6	0.15	6	09	0.17	6	0910
Sept	29	0.033	0.05	2	0.11	1	23	0.11	1	2305
Oct	31	0.040	0.07	28	0.12	8	11	0.13	8	1105
Nov	21	0.034	0.05	17	0.08	5	06	0.15	5	0640
Dec	0									
Year	285	0.035	0.07		0.18			0.19		

SULFUR DIOXIDE

Month	Days Valid Data	Mo. Avg. Conc.	Max. 24 Hr. Conc. Conc.	Max. 24 Hr. Conc. Day	Max. Hrly. Avg. Conc. Conc.	Max. Hrly. Avg. Conc. Day	Max. Hrly. Avg. Conc. Hr.	Max. 5 Min. Inst. Conc. Conc.	Max. 5 Min. Inst. Conc. Day	Max. 5 Min. Inst. Conc. Time
Jan	23	0.042 ppm	0.09 ppm	29	0.15 ppm	27	0600	0.17 ppm	29	1805
Feb	27	0.096	0.25	8	0.45	8	1400	0.47	8	1445
Mar	31	0.053	0.11	10	0.24	21	0700	0.29	7	0740
Apr	22	0.040	0.06	18	0.16	11	0700	0.24	11	0745
May	14	a	0.07	15	0.23	11	0600	0.28	11	0625
June	29	0.020	0.05	23	0.08	21	1300	0.14	21	1310
July	24	0.020	0.03	9	0.04	18	1800	0.07	3	0510
Aug	10	a	0.05	18	0.14	18	0700	0.15	22	1625
Sept	11	a	0.04	10	0.06	1	0600	0.07	10	2005
Oct	31	0.046	0.12	3	0.27	28	0600	0.35	28	0605
Nov	28	0.038	0.08	16	0.22	21	0500	0.31	10	1410
Dec	10	a	0.15	5	0.37	5	0800	0.44	5	0835
Year	260	0.045	0.25		0.45			0.47		

TOTAL HYDROCARBON

Month	Days Valid Data	Mo. Avg. Conc.	Max. 24 Hr. Conc. Conc.	Max. 24 Hr. Conc. Day	Max. Hrly. Avg. Conc. Conc.	Max. Hrly. Avg. Conc. Day	Max. Hrly. Avg. Conc. Hr.	Max. 5 Min. Inst. Conc. Conc.	Max. 5 Min. Inst. Conc. Day	Max. 5 Min. Inst. Conc. Time
Jan	19	2.06 ppm	3.7 ppm	5	12.2 ppm	5	0700	14.5 ppm	5	0730
Feb	25	2.57	4.5	11	9.6	11	2000	9.8	11	2015
Mar	30	2.24	3.0	3	6.9	3	0200	7.3	3	0230
Apr	30	2.29	3.1	15	10.5	15	0500	10.9	15	0510
May	31	2.00	3.5	23	8.5	23	0500	9.0	23	0520
June	30	2.27	3.2	16	10.7	16	0000	12.1	16	0050
July	30	2.03	2.7	1	3.9	2	0200	4.6	2	0120
Aug	30	2.25	2.9	29	6.2	12	1100	11.1	12	1145
Sept	30	2.34	3.6	17	7.7	17	0200	8.1	17	0230
Oct	26	2.63	4.7	28	8.3	28	0300	8.4	28	0305
Nov	30	2.80	6.3	23	11.9	24	2100	13.5	24	2130
Dec	30	2.85	3.7	28	7.2	9	1900	9.3	9	1910
Year	341	2.36	6.3		12.2			14.5		

TOTAL OXIDANT

Month	Days Valid Data	Mo. Avg. Conc.	Max. 24 Hr. Conc. Conc.	Max. 24 Hr. Conc. Day	Max. Hrly. Avg. Conc. Conc.	Max. Hrly. Avg. Conc. Day	Max. Hrly. Avg. Conc. Hr.	Max. 5 Min. Inst. Conc. Conc.	Max. 5 Min. Inst. Conc. Day	Max. 5 Min. Inst. Conc. Time
Jan	28	b ppm	0.02 ppm	6	0.03 ppm	6	1700	0.04 ppm	6	1650
Feb	29	b	0.06	11	0.05*	10	1600	0.08*	10	1645
Mar	31	b	0.04	23	0.06*	13	1500	0.07*	13	1515
Apr	28	b	0.04	17	0.07*	17	1400	0.08*	17	1515
May	31	0.031	0.06	21	0.13	15	1300	0.14*	21	1450
June	25	0.039	0.06	27	0.12	5	1300	0.12	5	1240
July	29	0.040	0.07	1	0.14	18	1200	0.15	18	1235
Aug	30	0.042	0.10	6	0.16	29	1000	0.17	29	1005
Sept	27	0.034	0.07	11	0.13*	11	1300	0.14*	1	1130
Oct	19	0.018	0.04*	27	0.07*	27	1400	0.08*	27	1345
Nov	29	b	0.04*	7	0.06*	18	1400	0.07*	18	1640
Dec	22	b	0.03*	10	0.06*	17	1100	0.07*	7	1640
Year	328	b	0.10		0.16			0.17		

*Excluding higher levels occurring before 1100 or after 1655

[a]Average not calculated because of insufficient or poorly distributed data

[b]Average not reported because of undue influence from non-photochemical high levels

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CONTINUOUS AIR MONITORING PROGRAM

FREQUENCY DISTRIBUTION OF CONCENTRATION OF GASEOUS ATMOSPHERIC POLLUTANTS

(FIVE MINUTE DATA VALUES)

JAN. 01,1966 TO DEC. 31,1966

(CONCENTRATION IN PPM)

	% VALID DATA	FREQUENCY DISTRIBUTION-PERCENT									ARITH
		MIN	10	30	50	70	90	95	98	99	MAX	MEAN
CINCINNATI												
CARBON MONOXIDE	74	0	2	3	5	6	8	9	11	13	32	4.9
NITRIC OXIDE	66	.00	.00	.01	.02	.04	.10	.16	.25	.33	1.18	.041
NITROGEN DIOXIDE	75	.00	.02	.03	.03	.04	.06	.07	.09	.10	.30	.036
SULFUR DIOXIDE	82	.00	.00	.01	.02	.03	.07	.09	.13	.18	.70	.031
HYDROCARBON	51	.4	1.8	2.1	2.3	2.7	4.1	4.9	6.0	6.6	12.9	2.67
TOTAL OXIDANT	51	.00	.01	.01	.02	.03	.04	.05	.07	.08	.11*	.021
CHICAGO												
CARBON MONOXIDE	57	0	5	9	11	15	21	25	30	33	66	12.5
NITRIC OXIDE	74	.00	.02	.05	.09	.13	.20	.24	.31	.37	.74	.101
NITROGEN DIOXIDE	77	.00	.03	.04	.05	.06	.09	.11	.13	.15	.35	.056
SULFUR DIOXIDE	70	.00	.00	.01	.03	.09	.25	.34	.48	.57	1.14	.094
HYDROCARBON	73	.0	1.7	2.2	2.6	3.0	4.0	4.7	5.8	6.6	14.9	2.78
TOTAL OXIDANT	58	.00	.00	.01	.02	.03	.04	.05	.07	.08	.23	.020
PHILADELPHIA												
CARBON MONOXIDE	97	0	3	5	6	8	11	12	15	17	47	6.7
NITRIC OXIDE	86	.00	.01	.02	.03	.06	.13	.18	.29	.42	1.98	.059
NITROGEN DIOXIDE	88	.00	.02	.03	.03	.04	.07	.08	.10	.11	.29	.038
SULFUR DIOXIDE	85	.00	.02	.04	.06	.10	.21	.28	.37	.44	.87	.091
HYDROCARBON	84	.0	1.7	2.0	2.2	2.6	3.5	4.2	5.3	6.3	14.4	2.46
TOTAL OXIDANT	76	.00	.01	.02	.02	.04	.07	.09	.12	.15	.38*	.032
DENVER												
CARBON MONOXIDE	84	0	2	5	7	9	14	17	22	27	63	7.8
NITRIC OXIDE	82	.00	.00	.01	.02	.04	.09	.14	.20	.26	.59	.038
NITROGEN DIOXIDE	87	.00	.02	.02	.03	.04	.05	.06	.09	.10	.35	.034
SULFUR DIOXIDE	92	.00	.00	.00	.01	.01	.02	.03	.05	.07	.96	.011
HYDROCARBON	84	.5	1.5	1.7	2.0	2.5	3.7	4.6	5.9	7.1	19.1	2.38
TOTAL OXIDANT	75	.00	.01	.01	.02	.04	.06	.07	.10	.12	.27*	.029
ST. LOUIS												
CARBON MONOXIDE	88	0	2	4	5	7	10	13	16	19	68	5.7
NITRIC OXIDE	78	.00	.00	.01	.02	.04	.08	.12	.17	.22	.61	.032
NITROGEN DIOXIDE	82	.00	.01	.02	.03	.04	.06	.07	.08	.09	.21	.034
SULFUR DIOXIDE	72	.00	.00	.01	.03	.05	.10	.14	.17	.23	1.25	.042
HYDROCARBON	81	.0	2.0	2.4	2.8	3.3	4.4	5.3	6.4	7.2	14.3	3.02
TOTAL OXIDANT	70	.00	.01	.02	.03	.05	.07	.08	.10	.11	.25	.036
WASHINGTON D.C.												
CARBON MONOXIDE	90	0	1	2	3	4	6	7	10	14	47	3.2
NITRIC OXIDE	85	.00	.00	.01	.02	.03	.08	.14	.25	.35	1.15	.036
NITROGEN DIOXIDE	72	.00	.02	.03	.03	.04	.06	.07	.08	.09	.19	.035
SULFUR DIOXIDE	68	.00	.01	.02	.03	.05	.09	.12	.17	.21	.47	.044
HYDROCARBON	89	.0	1.9	2.0	2.2	2.4	2.9	3.6	4.8	6.2	14.5	2.37
TOTAL OXIDANT	79	.00	.01	.01	.02	.03	.06	.07	.10	.11	.17*	.028

*Excluding higher levels occuring before 1100 or after 1655

CONTINUOUS AIR MONITORING PROGRAM

FREQUENCY DISTRIBUTIONS OF SOILING INDEX

2 HR MEASUREMENTS

ANNUAL 1966 (JANUARY 1 TO DECEMBER 31)

COHS/1000 LIN. FT.

CITY	VALID DATA*	FREQUENCY DISTRIBUTION-PERCENT										ARITH MEAN
		MIN	10	30	50	70	90	95	98	99	MAX	
CHICAGO	70	.0	.7	1.2	1.8	2.7	4.4	5.5	7.1	8.7	16.4	2.29
CINCINNATI	80	.0	.3	.7	1.0	1.4	2.3	2.8	3.6	4.1	8.5	1.18
PHILADELPHIA	60	.0	.2	.4	.7	1.0	2.0	2.8	3.9	4.9	11.2	.96
ST LOUIS	90	.0	.4	.7	1.0	1.3	2.2	2.7	3.6	4.4	13.1	1.18
WASHINGTON, D C	95	.0	.2	.4	.7	1.1	1.9	2.5	3.3	4.0	11.1	.92

* REPORTED TO NEAREST FIVE PERCENT

VALUES GREATER THAN 6.0 UNDERESTIMATE ACTUAL VALUE

DATA TABLES

GASEOUS POLLUTANTS

The first 72 data tables present hourly average concentrations by month for the gaseous pollutants. Values in these tables are the arithmetic means of the 5-minute values in the clock hour indicated. An average is not calculated if the hour is considered an invalid data hour, i.e., if fewer than seven 5-minute values were valid. Similarly, if a calendar day had fewer than 13 valid data hours, it is considered an invalid data day and the entire row of averages for that day is deleted. The reason for this procedure, which results in the loss of a few valid hourly averages, is that the data that are thus lost are usually concentrated at the beginning or end of the day. Since pollutant concentrations show considerable diurnal variation, the inclusion of data for such days would introduce a definite bias into the monthly mean concentrations.

The first summary line at the bottom of the tables (titled MEAN) contains the arithmetic means of the hourly averages, and hence represents the pattern of diurnal variation for the month. Again by the same validity criterion, this average is not calculated unless 16 or more hourly averages are present. The second and third summary lines are the number of and maximum of the hourly averages in the column.

The first summary column at the right of the tables (titled DAILY MEAN) is the arithmetic mean* of the 13 or more hourly averages comprising the row, and the second is the number of such valid hourly averages. The third summary column, however, is not the maximum hourly average for the day, but the maximum 5-minute value included in the hours of valid data during the day.

Four summary figures appear in the lower right corner. The upper left is the monthly average, an arithmetic mean, and appears only if 16 or more days were valid (a valid data month). The center number is the total number of valid hours included in the table, which offers some basis for judging the representativeness of the monthly average. The lower left summary number is the maximum daily average from the column above. The lower right number is the maximum 5-minute value from the column above.

SOILING INDEX

The last 12 tables present soiling index values at the CAMP station by month. Each value was obtained from a 2-hour integrated sample beginning

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*The summary calculations are performed before the hourly averages are rounded.

at the time indicated in the column heading. A missing value indicated that the sample was not taken or was invalid because of instrument malfunction.

The first summary line (titled MONTHLY MEAN) represents the arithmetic mean of the 2-hour average values in the column, and is calculated only if 16 or more days are represented. The first summary column (titled DAILY MEAN) is the arithmetic mean of the 2-hour values for the day; if fewer than seven such values are present, the daily mean is not calculated, and the data are not included in the summaries, but the component 2-hour values for the day are not deleted from the table as is done with the data on gaseous pollutants.

The other summary columns and rows are the number of and maximum of the respective 2-hour values. Four summary figures appear in the lower right corner; the mean and maximum value for the month are the upper left and lower right figures respectively, while the center figure is the total number of values. The lower left summary number is the maximum daily average from the column above.

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONCENTRATIONS IN PPM INFRARED ANALYSIS

WASHINGTON, D.C.

CARBON MONOXIDE
JAN. 1966

DAY OF MONTH	AM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	PM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5 MIN MAX
1*	4	2	2	3	3	3	2	2	4	4	2	2	2	2	3	3	3	3	3	3	2	3	3	3	2.7	24	6
2*	3	3	2	2	2	1	2	1	2	2	2	2	2	2	2	2	3	3	3	4	3	3	3	3	2.3	24	4
3	3	3	2	2	2	2	3	6	7	4	5	4	3	3	3	3	4	5	3	3	3	2	2	2	3.3	24	10
4	2	2	2	2	2	3	5	6	6	5	5	5	4	4	5	5	7	9	7	7	8	7	8	8	5.2	24	11
5	7	7	7	7	6	6	8	19	16	8	9				3		6	5	4	3	3	2	2	2	6.5	20	23
6	2	1	1	1	1	1	2	3	4	3	3	3	3	3	3	5	5	5	4	3	3	3	3	2	2.8	24	7
7	2	2	2	2	2	2	4	7	12	9	5	3	3	3	3	3	5	6	6	9	7	7	6	5	4.7	24	17
8*	2	1	1	1	1	1	1	1	2	2	2	2	2	2	2	3	3	3	3	2	2	2	2	2	1.9	24	4
9*	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	4	3	3	3	3	2	2	2.5	24	4
10	2	1	2	2	2	3	5	5	5	4	3	4	3	4	3	4	6	7	6	7	5	5	5	4	4.0	24	10
11	2	2	1	1	2	2	3	4	4		3	3	3	3	3	4	4	5	4	3	3	3	3	3	2.9	23	6
12	3	2	2	2	2	2	3	4	4	3	3	3	3	3	4	4	5	5	4	4	4	4	5	6	3.5	24	7
13	5	5	4	3	4	3	4	5	6	4	4	4	4	4	4	4	6	7	4	3	3	3	3	3	4.2	24	9
14	3	2	2	2	2	2	3	4	5	4	3	3	3	3	3	4	5	6	6	4	4	4	5	4	3.5	24	9
15*	5	4	4	4	3	4	6	5	6	6	5	3	3	3	4	4	5	4	4	6	6	5	5	4	4.4	24	8
16*	4	2	2	2	2	2	2	2	3	3	3	4	3	3	3	3	3	3	3	3	3	3	3	3	2.7	24	5
17	3	2	2	2	2	2	3	4	4	3	3			2	3	3	4	4	3	3	3	3	3	3	3.0	22	5
18	3	3	3	4	4	4	4	6	6								5	5	4	3	3	3	3	3	3.0	17	7
19	2	2	2	2	2	3	3	4	4	4	4	4	4	4	4	4	5	6	5	4	4	4	4	4	3.7	24	6
20	4	3	3	3	3	4	4	4	5	5	4	4	4	4	3	5	5	5	5	4	4	4	4	4	4.1	24	8
21	4	4	3	3	3	4	5	6	6	5	4	4	4	4	4	5	5	7	8	7	7	8	8	9	5.2	24	11
22*	7	6	6	5	5	5	5	6	6	6	5	5	4	4	4	3	3	3	3	2	2	2	2	2	4.2	24	8
23*	2	2	2	2	2	2	2	2	2	2	3	2	3	3	3	3	3	3	3	3	3	3	3	3	2.5	24	4
24	3	3	3	4	4	4	5	6	6	5	5	4	4	4	5	5	5	6	5	5	5	5	5	4	4.6	24	8
25	4	4	4	4	4	4	5	6	7	5	6	5	5	6	6	7	6	7	6	6	5	5	5	5	5.2	24	9
26	5	5	4	4	5	5	6	6	7		3	6	6	6	6	7	8	8	7	6	7	6	6	5	5.8	23	11
27	5	5	5	5	5	4	4	4		2	2	2	3	3	3	4	6	7	5	3	2	2	2	2	3.6	23	9
28	2	2	3	3	3	3	4	5	5	5	4	4	4	4	4	4	5	4	4	4	4	3	4	4	3.8	24	6
29*	4	3	3	3	3	3	3	4	4	4	5	4	4	3	3	4	5	4	4	3	3	2	2	2	3.4	24	6
30*	2	2	2	1	1	1	1	1	2	2	2	1	1	2	1	2	2	2	2	2	2	3	3	3	1.8	24	5
31	3	3	3	3			4	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	5	5	3.5	22	5
MEAN	3	3	3	3	3	3	4	5	5	4	4	3	3	3	4	4	5	5	4	4	4	4	4	4	3.7	726	
NO	31	31	31	31	30	30	31	31	30	28	30	28	28	29	30	29	31	31	31	31	31	31	31	31	6.5		23
MAX	7	7	7	7	6	6	8	19	16	9	9	6	6	6	6	7	8	9	8	9	8	8	8	9			

TABULATED WED., MAR. 22, 1967

* Indicates Saturday or Sunday
Local standard time used

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONCENTRATION IN PPM
INFRARED ANALYSIS

WASHINGTON, D.C.

CARBON MONOXIDE
FEB. 1966

DAY OF MONTH	AM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	PM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS.	5 MIN MAX
1	6	5	5	5	5	6	7	7	7	6		6	6	5	5	6	6	7	7	3	3	3	3	3	5.3	23	8
2	2	2	2	1	2	2	2	3	4	4	3	4	3	3	3		3	3	3	2	2	2	2	3	2.7	23	5
3	3	2	2	2	2	3	4	5	5	4	4	3	3	3	3			5	5	5	4	4	4	4	3.6	22	7
4	4	3	3	3	3	3	4	5	6			3	3	4	4	4	5	5	5	4	3	4	3	3	3.8	22	8
5*	3	3	3	3	3	3	4	4	4	4	3	4	4	4	4	4	4	5	6	5	5	5	5	4	3.9	24	7
6*	5	4	4	4	4	4	5	6	6	5	4	5	4	5	5	4	4	4	4	4	4	5			4.4	22	7
7											3	3	2	2	2	2	3	4	4	2	2	2	2	2	2.5	14	6
8	2	2	2	2	2	2	3	5	5	5	6	5	6	7	8	10	10	13	9	7	7	7	10	10	6.1	24	22
9	9	9	9	10	8	7	9	7	7	5		3	3	3	4	5	5	4	5	3	3	3	3	3	5.5	23	12
10	2	2	2	2	2	2	3	5	4	4	4	4	3	4	5	7	13	14	9	8	7	9	15	10	5.8	24	26
11	4	2	2	2	2	2	3	7	9	6	4	4	4	6	6	8	11	17	24	25	22	23	24	20	9.9	24	30
12*	17	9	7	5	5	5	8	11	16	11	5	6	4	4	4	5	6	5	5	5	5	4	5	4	6.7	24	21
13*	4	3	3	2	2	2	2	2	3	3	3	3	3	3	3	4	4	3	3	3	3	3	3	3	3.0	24	5
14	2	2	2	2	2	2	3	5	6	5	5	5	5		4	5	6	7	8	6	4	4	4	4	4.2	23	10
15	3	3	3	3	3	4	7	5	6	4	4	4	3	3	4	5	6	5	5	5	4	4	4	3	4.1	24	11
16	3	3	3	3	3	3	4	5	6	5			3	4	5	5	7	7	5	5	5	5	4	4	4.5	22	9
17	4	4	3	3	3	4	4	4	5	5	5	5	4	4	4	4	6	6	6	6	7	7	7	6	4.9	24	9
18	8	7	6	6	6	6	9	12	11	8	7	6	6	6			5	6	6	4	4	4	4	4	6.3	22	15
19*	4	4	4	6	6	6	6	6	4	3	3	3	3	2	3	3	3	4	3	3	2	2	2	2	3.6	24	10
20*	2	2	2	2	2	2	2	2	3	4	5	5	5	6	5	6	6	6	6	6	5	5	4	4	4.0	24	9
21	4	4	4	5	4	4	4	5	5	4	4	4	4	4	4	4	5	5	4	3	3	2	2	2	3.9	24	7
22	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2.6	24	4
23	2	2	2	2	2	3	4	4	4	3		3	3	3	3	3	4	4	3	3	3	3	3	3	2.9	23	7
24	3	2	2	2	2	2	3	5	6	4			3	3	3	4	5	5	4	4	3	3	3	3	3.4	22	8
25	3	2	2	2	2	2	3	4	5	4	3	3	3	3	3	4	5	6	4	3	3	3	3	3	3.2	24	10
26*	3	3	2	2	2	2	2	2	3	2	3	3	3	2	2	2	2	2	3	3	3	2	2	3	2.5	24	4
27*	3	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	2	2	2	2.5	24	6
28	2	2	1	1	1	2	3	5	4	3	3	4	4	4	4	4	6	6	4	2	2	2	3	2	3.0	24	9
MEAN	4	3	3	3	3	3	4	5	5	5	4	4	4	4	4	5	5	6	6	5	4	4	5	4	4.3		
NO	27	27	27	27	27	27	27	27	27	26	22	26	28	27	27	25	27	28	28	28	28	28	27	27		645	
MAX	17	9	9	10	8	7	9	12	16	11	7	6	6	7	8	10	13	17	24	25	22	23	24	20	9.9		30

* Indicates Saturday or Sunday
Local standard time used

TABULATED

WED., MAR. 22, 1967

6 3

CONTINUOUS AIR MONITORING PROGRAM

HOURLY AVERAGES OF
GASEOUS POLLUTANT CONCENTRATIONS

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

WASHINGTON, D.C.

CONCENTRATION IN PPM INFRARED ANALYSIS

CARBON MONOXIDE
MARCH 1966

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS.	5-MIN MAX.
1	2	2	1	1	1	1	2	5	6	3	2	2	2	3	3	2	3	3	3	2	2	2	2	2	2.4	24	8
2	2	2	1	1	1	1	2	4	5	3		3	3	3	3	3	4	5	10	21	21	18	19	16	6.7	23	29
3	17	14		4	3	2	4	6	5	5	4	3	3	3	3	3	4	5	5	3	3	3	4	2	4.7	23	19
4	2	1	1	1	1	1	3	5	5	4	3	4	3	3	4	5	7	8	4	3	3	4	3	3	3.4	24	12
5*	2	2	2	1	1	1	1	2	2	2	3	3	3	2	2	2	3	3	3	2	2	2	2	2	2.1	24	4
6*	2	2	1	1	1	1	1	2	2	2	3	3	2	3	2	2	2	3	3	3	2	3	2	3	2.1	24	6
7	2	2	2	2	2	2	5	7	5	4	3	3	3	3	3	3	3	3	2	2	2	1	1	1	2.8	24	9
8	1	1	0	0	0	0	0	1	3	3	3	3	4	3	3	4	4	4	4	4	3	4	3	4	2.4	24	5
9	4	3	3	3	3	3	4	5	5		2	3	3	3	3	4	4	5	5	4	4	5	5	5	3.7	23	7
10	4	4	4	3	3	4	4	6	6	5	4	4	3	3	3	3	4	6	6	6	4	3	3	3	4.2	24	8
11	3	2	2	2	2	2	3	5	7	7	7	4	4	3	3	3	4	4	4	4	4	4	4	4	3.8	24	9
12*	4	3	3	2	2	2	2	3	2	2	2	2	2	2	2	3	2	2	3	2	2	1	0	0	2.1	24	4
13*	1	1	1	0	0	0	0	0	0	0	1	2	2	2	2	1	2	2	3	3	4	3	2	2	1.4	24	5
14	1	0	0	0	0	0	1	2	3	3	2	2	2	2	2	2	3	3	2	2	2	2	2	2	1.7	24	4
15	2	1	1	1	1	1	2	3	3		2	2	1	1	1	1	1	1	1	1	0	0	0	1	1.2	23	4
16	1	1	1	1	1	2	3	3	3	2	3	2	2	2	2	2	2	1	2	4	4	4	4	4	2.3	24	5
17	4	2	2	2	2	2	3	6	6	4	3	3	3	3	3	3	3	3	2	2	2	3	2	2	2.8	24	9
18	2	2	2	2	2	2	4	5	5	4	3	3	1	1	2	2	4	5	4	4	3	3	3	2	2.9	24	6
19*	2	2	2	1	1	1	1	2	4	3	2	2	1	1	2	2	3	3	3	3	3	3	3	3	2.2	24	6
20*	2	2	2	1	1	0	0	1	1	2	3	3	3	4	2	1	1	2	2	4	4	4	4	4	2.1	24	5
21	3	3	3	2	3	3	5	6	4	4	4	4	3	2		2	3	3	4	4	3	2	2	2	3.3	23	7
22	2	2	1	1	1	1	3	5	4	3	2	4	4	5	4	4	4	7	8	11	9	17	12	4	4.8	24	27
23	2	2	2	3	3	3	3	4	5	3	3	2	2	2	2	2	3	2	2	2	2	2	2	2	2.5	24	5
24	2	2	2	2	2	2	3	4	4	4	6	6	3	3	3	3	3	3	3	4	3	2	3	3	3.1	24	8
25	2	2	2	2	2	3	4	4	5	4	4	4	4	5	4	5	5	6	4	4	4	4	4	5	3.9	24	7
26*	5	4	4	3	3	5	5	4	4	4	4	4	4	4	4	4	4	4	5	5	4	3	3	3	4.0	24	7
27*	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	5	4	4	4	4	3	3.6	24	6
28	3	3	3	3	3	3	4	5	5	5	5	4	4	5	4	5	5	5	4	4	4	4	3	3	4.0	24	6
29	3	3	3	3	3	3	5	5	6	5	4	4	4	4	5	5	6	6	5	5	5	7	12	9	5.0	24	14
30	10	8	6	7	3	4	5	6	6	6	4	4	4	4	4	5	5	5	4	4	3	3	3	3	4.8	24	12
31	4	4	3	2	2	3	3	4	4	5	4	4	4	4	3	4	4	4	4	4	4	4	5	4	3.8	24	8
MEAN	3	3	2	2	2	2	3	4	4	4	3	3	3	3	3	3	3	4	4	4	4	4	4	3	3.2		
NO	31	31	30	31	31	31	31	31	31	29	30	31	31	31	30	31	31	31	31	31	31	31	31	31		739	
MAX	17	14	6	7	3	5	5	7	7	7	7	6	4	5	5	5	7	8	10	21	21	18	19	16	6.7		29

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., MAR. 22, 1967

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONCENTRATION IN PPM — INFRARED ANALYSIS

WASHINGTON, D.C.

CARBON MONOXIDE
APRIL 1966

DAY OF MONTH	AM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	PM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5 MIN MAX
1	4		2	2	2	2	3	4	5	5	4	5	5	6	8	8	8	7	6	6	4	3	3	3	4.5	23	11
2*	3	2	2	2	2	2	2	2	2	3	2	3	3	3	3	3	3	3	3	3	3	3	3	3	2.6	24	5
3*	3	3	3	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3.0	24	5
4	3	3	2	2	2	2	3	3	4	4	3	4	3	3	4	3	4	4	2	3	2	2	2	2	2.9	24	6
5	2	2	2	2	2	1	2	3	3	2	3	2	2	2		2	3	4	2	4	3	3	2	1	2.3	23	6
6	1	1	1	0	0	1	2	4	3	2	2	2	2	2	2	2	3	3	3	4	3	1	1	1	2.0	24	6
7	2	2	2	2	1	1	3	4	4	2	2	2	2	3	2	3	4	3	2	3	2	1	1	1	2.2	24	6
8	1	0	0	0	0	0	1	2	2	2	2	2	1	2	3	2	3	4	2	2	2	2	1	1	1.5	24	6
9*	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	3	2	2	1	1	1.4	24	3
10*	1	1	1	1	1	0	0	1	1	2	2	2	1	2	1	2	2	2	3	4	5	5	3	2	1.8	24	7
11	2	1	1	1	0	1	2	3	2	2	2	2	2	2	2	2	3	3	3	3	3	2	2	2	1.9	24	4
12	2	1	1	1	1	2	3	3	3	3	2	2	2	2	2	3	3	2	2	1	1	1	1	1	1.9	24	5
13	1	1	1	0	1	1	2	2	2	2	2	2	2	2	2	3	3	2	3	2	2	2	2	2	1.7	24	5
14	2	1	1	1	1	1	2	4	3	2		1	2	2	2	2	3	3	3	6	10	14	14	10	3.9	23	26
15	12	6	5	6	16	18	16	5	4	2	2	2	1	2	1	2	3	2	3	3	4	4	4	4	5.2	24	22
16*	4	4	3	3	2	2	3	3	3	2	2	1	2	2	2	2	2	3	4	5	5	6	5	6	3.1	24	10
17*	4	7	9	3	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	4	3	3	2	2	2.8	24	11
18	2	2	2	2	2	2	2	3	3	2	2	3	2	2	2	3	3	3	3	3	2	2	3	3	2.3	24	5
19	2	2	2	2	1	1	2	3	2	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1.4	24	3
20	1	0	0	0	0	0	1	2	2			2	2	1	1	1	1	2	2	2	2	2	2	1	1.2	22	5
21	1	0	0	0	0	1	2	3	3	3	1	1	1	1	1	1	2	3	3	3	3	3	2	1	1.5	24	5
22	1	1	1	1	1	1	3	4	3	2	1	1	1	2	2	3	2	2	2	2	3	2	2	2	1.8	24	7
23*	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1.1	24	4
24*	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	1	3	1	1	2	3	1	0.7	24	7
25	0	0	0	0	0	1	3	4	2	2	4	3	3	2	2	3	2	3	3	3	3	3	2	2	2.0	24	7
26	2	2	2	3	3	7	9	12	6	3	2	2	2	2	2	3	3	2	2	3	3	2	2	2	3.3	24	16
27	2	1	1	1	1	2	2	3	2	2	2	2	2	2		2	2	2	2	2	1	1	1	1	1.6	23	3
28	1	1	1	1	1	2	3	3	3	2	2	2	2	2	3	3	2	2	2	1	1	1	1	1	1.8	24	4
29	1	1	1	1	1	2	2	3	3	3	2	2	3	4	3	4	4	3	3	5	3	3	3	3	2.5	24	8
30*	2	2	1	1	1	2	3	2	2	1	2	2	2	1	1	2	2	3	2	2	3	3	1	2	1.9	24	4
MEAN	2	2	2	1	2	2	3	3	3	2	2	2	2	2	2	2	3	3	3	3	3	3	2	2	2.3		
NO	30	29	30	30	30	30	30	30	30	29	28	30	30	30	28	30	30	30	30	30	30	30	30	30		714	
MAX	12	7	9	6	16	18	16	12	6	5	4	5	5	6	8	8	8	7	6	6	10	14	14	10	5.2		26

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., MAR. 22, 1967

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CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONCENTRATION IN PPM INFRARED ANALYSIS

WASHINGTON, D.C.

CARBON MONOXIDE
MAY 1966

DAY OF MONTH	AM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	PM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5 MIN MAX
1*	1		0	2	3	2	2	2	1	1	1	0	0	0	1	1	1	1	1	2	2	2	2	1	1.2	23	6
2	1	0	0	0	0	2	3	3	2	2	2	1	2	1	2	1	2	2	2	3	3	2	2	2	1.6	24	4
3	1	1	1	2	2	4	8	7	5	2	1	2	2	1	1	1	2	1	2	3	2	2	1	1	2.3	24	11
4	1	1	1	1	2	3	3	3	3		2	2	2	2	3	3	3	2	3	4	4	7	8	6	2.9	23	9
5	6	5	4	4	4	5	6	6	3	3	2	2	2	2	2	3	3	2	2	2	2	1	1	1	2.9	24	8
6	1	1	0	1	1	2	4	4	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2	1.9	24	6
7*	2	2	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1.8	24	3
8*	2	1	1	1	1	1	1	1	1	2	2	1	2	1	1	1	1	1	2	3	3	2	2	2	1.4	24	4
9	2	2	2	2	2	3	4	4	3	2	3	2	3	3	3	3	3	3	3	3	2	2	2	3	2.5	24	6
10	2	2	2	2	3	4	5	5				2	3	3	3	3	3	3	3	4	4	4	4	4	3.1	21	6
11	3	3	2	2	3	6	9	4	3	3	3	2	3		2	3	3	2	3	3	2	2	2	2	[illegible]	23	11
12	2	2	2	2	2	3	3	4	3	3	2	2	2	2	2	3	3	2	2	2	2	2	2	2	2.4	24	6
13	2	1	1	1	2	4	5	6	4	2	2	2	2	2	2	3	3	2	2	2	2	2	2	2	2.4	24	7
14*	2	2	2	2	2	2	2	2	3	3	3	3	2	2	2	2	2	2	3	4	4	4	4	4	2.5	24	5
15*	5	5	6	5	3	3	3	1	2	2	2	1	1	1	1	1	1	1	2	3	4	3	2	2	2.5	24	6
16	2	1	2	2	2	4	5	3	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2.1	24	6
17	2	1	1	1	1	3	3	3	3	2	2	2	2	2	2	3	2	2	2	3	3	2	1	2	2.1	24	8
18	1	1	1	1	1	2	3	4	3	2	2	1	1	2	2	2	2	2	1	1	1	2	1	1	1.6	24	5
19	1	1	1	1	1	2	3	6	4	3				1	2	2	2	2	3	4	3	5	5	4	2.6	21	8
20	3	3	3	1	2	4	5	5	4	3	1	1	1	2	1	2	2	2	3	3	3	4	3	3	2.6	24	7
21*	2	2	2	4	4	5	6	7	5	2	2	2	2	2	2	2	2	1	2	2	2	2	2	2	2.7	24	8
22*	1	1	1	1	1	1	2	1	2	2	2	2	2	2	2	2	2	2	2	4	5	7	8	9	2.7	24	11
23	11	10	8	5	8	10	11	10	8	5	3	3	3	2	2	3	3	2	2	3	2	2	3	3	5.0	24	12
24	3	3	2	3	3	5	6	6	3	3	3	3	3	3	3	3	3	2	3	2	3	3	3	3	3.1	24	8
25	3	3	3	3	3	4	4	5	4	4	4	3	4	2		1	2	2	2	2	2	2	2	2	2.7	23	6
26	1	1	1	1	1	3	4	3	3	3	3	2	2	2	2	2	2	1	1	1	2	1	1	1	1.9	24	6
27	1	0	0	1	1	2	3	3	3	3	2	3	2	2	1	2	2	1	2	2	2	2	1	2	1.8	24	5
28*	2	2	1	1	1	1	2	3	2	2	2	3	2	1	1	1	1	1	1	1	2	1	2	2	1.6	24	6
29*	2	2	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	2	2	3	2	2	2	1.4	24	3
30	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	3	3	2	2	1.3	24	3
31	2	2	1	1	1	3	5	6	5	4	4	3	3	3	2	3	2	2	2	3	3	3	2	2	2.8	24	7
MEAN	2	2	2	2	2	3	4	4	3	2	2	2	2	2	2	2	2	2	2	2	3	3	2	2	2.3	734	
NO	31	30	31	31	31	31	31	31	30	29	29	30	30	30	30	31	31	31	31	31	31	31	31	31	5.0		12
MAX	11	10	8	5	8	10	11	10	8	5	4	3	4	3	3	3	3	3	3	4	5	7	8	9			

TABULATED WED., MAR. 22, 1967

* Indicates Saturday or Sunday
Local standard time used

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CONTINUOUS AIR MONITORING PROGRAM

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

CONCENTRATION IN PPM INFRARED ANALYSIS

WASHINGTON, D.C.

CARBON MONOXIDE
JUNE 1966

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5 MIN MAX
1	1	1	1	1	2	3	4	5	5	3	3	2	2	2	2	2	2	2	2	3	3	5	4	4	2.6	24	6
2	4	2	2	2	2	3	4	4	3	2	2	2	2	2	2	2	2	2	2	3	4	4	3	3	2.5	24	5
3	2	2	1	1	2	3	5	4	3	2	2	2	1	1	1	2	2	2	3	3	3	2	3	2	2.2	24	7
4*	2	2	2	1	1	2	3	2	3	3	2	1	1	1	1	2	1	1	2	2	3	2	2	2	1.8	24	4
5*	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	2	2	2	2	2	1	1.3	24	4
6	1	1	1	1	1	2	3	4	2	1	1	1	1	1	1	3	3	1	1	2	2	2	2	1	1.6	24	5
7	1	1	1	1	1	2	3	3	3	2	2	2	2	2	2	3	3	2	3	4	4	5	5	4	2.4	24	7
8	3	2	2	1	1	4	6	6	5	3	1	1		2	2	2	3	3	2	3	3	3	2	2	2.8	23	8
9	2	2	2	2	2	4	6	6	3	2	1	1	2	2	2	2	3	2	2	2	2	1	1	1	2.2	24	9
10	1	1	1	1	1	2	3	4	3	2	3	2	2	2	2	5	4	3	2	3	3	2	2	3	2.3	24	8
11*	2	2	2	2	2	3	3	2	3	3	3	3	3	3	3	2	2	3	3	3	3	3	3	3	2.7	24	4
12*	3	3	3	3	3	3	3	3	3	3	3	3	3	2	2	2	2	3	3	3	4	3	3	3	2.8	24	4
13	3	2	2	2	3	4	5	6	4	4	3	3	3	3			2	2	1	2	2	2	3	2	2.8	22	7
14	2	1	1	1	2	3	4	4	3	3	2	2	2	2	2	5	8	5	3	2	2	3	3	2	2.8	24	11
15	2	1	1	1	2	5	7	5	3	3	2	1	1	1	1	1	3	1	0	2	4	9	13	18	3.6	24	21
16	13	6	3	1	1	2	3	2	1	1	1	1	1	1	1	1	2	1	1	2	3	2	1	1	2.1	24	21
17	0	0	0	0	0	2	3	3	3	3	2	1	1	2	2	2	2	2	1	2	1	2	2	2	1.5	24	6
18*	2	2	1	1	1	1	2	1	1	1	1	1	0	0	1	1	1	1	1	1	2	1	2	3	1.2	24	4
19*	2	1	1	1	1	1	1	2	1	0	0	0	0	0	0	1	1	0	1	1	1	2	2	4	1.1	24	4
20	2	2	1	1	1	3	4	4	2	1	1	1	1		2	3	3	2	2	2	3	2	2	2	2.1	23	7
21	2	1	1	1	2	3	7	9	4	3	2	2	2	2	2	2	3	2	3	4	7	9	12	16	4.2	24	18
22	9	3	2	2	2	3	3	3		2	2	2	2	1	1	2	2	2	2	2	3	4	3	2	2.5	23	15
23	2	2	3	2	2	3	5	5	3	2	2	1	2	2	1	2	3	3	3	4	4	4	4	3	2.8	24	10
24	3	2	2	2	2	4	5	6	5	5	4	3	4	4	5	5	5	4	6	7	7	7	6	6	4.5	24	9
25*	5	4	4	4	5	5	6	5	5	4	4	3	4	4	4	4	4	4	4	5	6	6	7	7	4.7	24	9
26*	6	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4.0	24	8
27	3	3	3	3	4	5	7	7	5	4	3	3	2	2	2	3	3	2	2	3	2	2	2	2	3.2	24	8
28	1	1	1	1	1	2	4	4	3	3	3	2	2	2	3	3	4	4	4	4	2	3	2	1	2.5	24	6
29	1	1	1	1	1	2	5	6	2	1	1	1	2	1	1	2	2	3	2	4	6	5	4	3	2.5	24	8
30	2	2	2	1	2	4	5	5	2	1	1	1	1	1	1	2	2	1	2	2	3	4	4	2	2.2	24	7
MEAN	3	2	2	1	2	3	4	4	3	2	2	2	2	2	2	2	3	2	2	3	3	4	4	4	2.6		
NO	30	30	30	30	30	30	30	30	29	30	30	30	29	29	29	29	30	30	30	30	30	30	30	30		715	
MAX	13	6	4	4	5	5	7	9	5	5	4	4	4	4	5	5	8	5	6	7	7	9	13	18	4.7		21

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., MAR. 22, 1967

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CONTINUOUS AIR MONITORING PROGRAM

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

WASHINGTON, D.C.

CARBON MONOXIDE
JULY 1966

CONCENTRATION IN PPM
INFRARED ANALYSIS

DAY OF MONTH	AM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	PM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN MAX
1	1	1	1	2	2	3	4	3	2	2	2	2	2	2	2	3	3	2	3	4	4	3	4	5	2.6	24	6
2*	6	6	4	3	3	3	4	3	3	2	2	2	3	3	2	2	2	2	3	3	3	4	3	3	3.0	24	8
3*	2	2	2	2	2	3	3	2	3	3	2	2	2	1	1	1	1	2	2	2	3	3	2	2	2.0	24	4
4	2	2	2	1	1	2	2	2	2	2	1	1	2	1	2	2	2	2	3	3	4	4	4	2	2.1	24	8
5	2	1	1	2	1	2	3	3	2	2	2	1	2	3	3	2	3	2	2	3	4	5	3	5	2.5	24	6
6	4	4	4	3	3	4	6	6	4	2	3	2	2		2	3	3	4	5	5	5	4	4	4	3.7	23	8
7	2	2	2	2	2	5	7	5	3	2	1	1	1	1	1	2	2	2	2	3	2	2	2	2	2.4	24	9
8	1	1	1	1	1	3	4	4	2	2	2	1	1	1	1	2	2	2	2	3	3	3	4	4	2.2	24	8
9*	3	3	2	2	2	3	3	2	1	1	1	1	1	1	1	1	1	1	2	2	2	3	3	2	1.8	24	6
10*	1	1	1	1	1	1	1	1	1	3	4	3	2	1	1	1	1	1	1	2	2	2	2	2	1.6	24	5
11	1	0	1	0	0	2	2	2	1	1	1	1	1	1	1	2	2	3	3	4	3	3	3	2	1.7	24	5
12	1	1	1	1	1	4	6	4	2	2	1	1	1	1							3	4	3	1	2.1	18	9
13									1	1	1	1	1	1	1	3	2	1	2	3	4	4	2	3	1.8	16	6
14	2	1	1	1	1	2	3	3	3	2	1	1	1	1	1	2	2	1	1	2	2	2	1	1	1.5	24	5
15	1	1	1	1	1	2	2	3	2	2		2	2	2	2	2	1	2	2	4					1.7	19	9
16*										4	3	4	4	4	4	4	4	3	2	3	3	3	3	2	3.2	15	5
17*	2	2	2	2	2	2	1	2	1	1	1	1	2	2	2	1	1	2	2	2	3	2	2	2	1.8	24	4
18	2	2	1	1				5	4	4	3	3	2	1	2	2	2	1	2	1	2	1	1	1	2.0	21	6
19	1	1	1	1	1	2	4	3	2	2	2	2	2	2		3	3	2	2	2	3	3	2	2	2.1	23	5
20	1	1	1	1	1	2	3	2	1	1	2	1	1	1	1	2	2	2	2	2	3	3	2	2	1.7	24	4
21	2	1	1	1	2	3	5	3	2	2	2	1	2	1	2	2	2	2	2	2	3	3	2	2	2.0	24	9
22	2	1	1	2	1	3	5	5		2	2	2	1	2	2	3	3	2	2	2	2	2	2	2	2.2	23	7
23*	2	2	1	2	2	2	3	3	2	1	2	1	1	1	1	1	1	1	2	2	3	2	2	2	1.6	24	4
24*	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	1	1	1.2	24	3
25	1	1	1	1	1	3	5	4	3	2	1	2	2	2	2	2	3	2	2	2	2	2	2	1	1.9	24	9
26	1	1	1	1	1	2	4	5	4	3	2	2	2	2	2	4	3	3	3	3	3	4	3	2	2.5	24	6
27	2	2	2	2	2	4	5	4	3	2	2	1	1	2		3	3	2	2	2	2	2	2	2	2.3	23	7
28	2	1	1	1	1	2	4	3	2	2	2	3	2	3	6	5	6	4	3	3	3	3	2	2	2.7	24	8
29	1	1	1	1	2	4	7	10	4	3	3	3	3	3	4	4	5	4	4	4	4	4	4	3	3.6	24	14
30*	3	3	2	2	2	2	2	2	3	3	3	3	3	3	4	3	3	3	3	4	4	5	7	5	3.2	24	9
31*	4	3	3	3	2	3	3	2	2	2	2	2	2	2	2	2	2	2	2	3	4	5	5	3	2.7	24	6
MEAN	2	2	1	1	1	3	4	3	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	2	2.2	709	
NO	29	29	29	29	28	28	28	29	29	31	30	31	31	30	28	30	30	30	30	30	30	30	30	30	3.7		14
MAX	6	6	4	3	3	5	7	10	4	4	4	4	4	4	6	5	6	4	5	5	5	5	7	5			

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., MAR. 22, 1967

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONCENTRATION IN PPM
INFRARED ANALYSIS

WASHINGTON, D.C.

CARBON MONOXIDE
AUG. 1966

DAY OF MONTH	AM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	PM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN MAX
1	2	2	2	2	2	4	6	6	3	2	2	3	2	2	2	2	3	2	2	3	2	2	2	1	2.5	24	9
2	1	1	1	1	1	3	4	4	3	3	3	3	2	3	3	3	4	3	2	2	3	4	3	1	2.6	24	6
3	1	1	1	1	1	2	3	2	2	1	2	2	2			1	2	2	2	2	2	2	3	3	1.8	22	5
4	3	3	3	3	3	4	8	6	4	2	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2.6	24	10
5	2	2	2	2	2	3	5	5	3	3	2	2	2	2	2	3	3	3	2	4	5	5	6	6	3.2	24	8
6*	4	4	5	5	5	5	6	6	8	5	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3.6	24	9
7*	3	3	3	3	3	4	4	4	3	2	3	2	2	1	1	1	1	1	2	2	2	2	2	2	2.3	24	5
8	2	2	2	2	2	3	5	6	5		2	1	1	2	1	2	3	1	2	2	2	1	1	2	2.3	24	7
9	1	1	1	1	1	3	4	4	3	2	2	2	1	2	2	3	3	3	3	4	3	3	2	3	2.4	24	6
10	2	1	1	1	1	3	3	4		3	2	2	1		2	2	3	2	2	2	3	2	2	2	2.1	22	6
11	1	1	1	1	1	2	4	4	2	1	2	2	2	2	1	2	4	5	3	3	3	2	3	2	2.2	24	7
12	1	1	1	1	1	3	4	4	3	2	2	2	2	1	2	3	3	3	4	4	3	5	5	5	2.6	24	8
13*	4	3	2	2	2	2	3	2	1	1	1	1	1	1	2	1	1	2	2	3	3	2	3	3	2.0	24	6
14*	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1.2	24	3
15	1	0	1	1	1	2			6	6	5	4	3	3	2	2	2	2	2	3	3	3	3	2	2.5	22	8
16	2	2	2	2	3	5	5		3	2	2	1	1	1	2	3	3	1	1	2	1	1	1	1	2.1	23	9
17	1	1	1	0	1	2	3			2	2	2	1	2	2	3	4	3	3	5	6	6	5	4	2.6	21	8
18	4	4	3	4	2	5	8	8			2	1	1	2	2	3	3	2	3	5	5	3	2	2	3.3	22	9
19	2	2	2	2	2	4	5	4		2	2	2	2	2	2	3	3	3	4	5	5	5	5	5	3.0	23	7
20*	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	2	2	2	2	2.1	24	4
21*	2	2	2	1	1	1	2	1	2	2	2	1	1	1	2	1	2	2	2	2	2	3	3	2	1.6	24	3
22	1	1	1	1	1	2	4	4	3		2	2	1	1	4	4	3	2	2	3	2	2	2	1	2.1	23	7
23	1	1	1	1	1	3	5	7		1	1	1	2	2		2	2	2	2	2	2	2	2	2	2.0	22	9
24	1	1	1	1	1	2	3	2	2		1	1			1	2	2	2	3	3	3	3	3	3	1.9	21	5
25	2	2	2	2	2	4	4	4		2	2	2	2	2	2	2	3	3	3	4	4	5	5	4	2.8	23	6
26	3	2	1	1	2	3	5	4	3	3	2	2	2	2	3	3	3	3	3	4	5	6	5	4	2.8	24	6
27*	3	3	4	2	2	3	4	3	3	2	2	2	2	2	2	2	3	2	3	4	4	4	4	4	3.2	24	7
28*	4	3	3	2	2	2	3	3	2	2	2	2	2	2	2	2	1	2	3	4	4	4	4	3	2.6	24	5
29	3	2		5	4	5			5	5	5	6	3	3	2	3	4	4	3	3	3	3	2	2	3.5	22	8
30	2	2	2	2	2	4	5	5	4	3	3	2	2	2	3	3	3	3	3	3	3	3	3	2	2.9	24	7
31	3	3	3	2	3	4	6	7	5	4	4	3	3	3	3	3	4	4	6	6	8	9	6	6	4.4	24	12
MEAN	2	2	2	2	2	3	4	4	3	3	2	2	2	2	2	2	3	2	3	3	3	3	3	3	2.5		
NO	31	31	30	31	31	31	29	28	25	28	31	31	30	27	29	31	31	31	31	31	31	31	31	31		722	
MAX	4	4	5	5	5	5	8	8	8	6	6	4	3	3	4	5	4	5	6	6	8	9	6	6	4.4		12

TABULATED WED., MAR. 22, 1967

* Indicates Saturday or Sunday
Local standard time used

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONCENTRATION IN PPM — INFRARED ANALYSIS

WASHINGTON, D.C.

CARBON MONOXIDE
SEPT. 1966

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN MAX
1	4		7	6	4	5	6	5	4	3	4	3	3	3	3	4	4	4	4	5	6	6	8	9	4.7	23	12
2	5	4	3	2	3	4	5	5	4	4	4	4	4	3	4	4	5	5	6	9	7	6	5	5	4.6	24	12
3*	4	4	4	4	3	4	4	4	4	4	3	2	2	2	3	4	4	4	4	4	4	4	4	4	3.7	24	5
4*	3	3	2	2	3	2	3	3	3	3	3	3	3	3	3	3	4	4	5			5	4	4	3.2	22	7
5																											
6																											
7		2	2	2	3	5	4	4	3	2	2			3	3	4	3	4	4	3	3	3	3	3	3.0	21	6
8	2	2	2	2	2	3	5	5	4	3	3	2	3	2	3	3	3	4	3	4	3	5	5	5	3.2	24	7
9	3	2	2	2	2	4	6	6	4	3	3	3	3	3	3	3	4	4	6	10	14	15	12	5	5.0	24	21
10*	4	3	3	3	3	3	4	4	3	3	3	3	2	3	2	3	3	3	6	7	7	10	8	5	4.1	24	12
11*	5	6	6	3	3	3	3	3	3	3	3	2	2	2	2	2	2	2	4	5	7	11			3.7	22	14
12	3	3	2	2	3	4	10	6	4	2	2	2	2	2	3	4	4	3	3	2	2	2	2	2	3.1	24	12
13	2	2	2	2	2	3	4	5	4	2	2	2	2	2	3	3	3	3							2.7	18	6
14								4	4	3	2	3	3	4	3	4	5	3	2	2	2	1			3.0	15	7
15																											
16									3	3	3	3	3	3	3	4	4	4	6	10	16	21	18	22	7.8	16	25
17*	21	21	14	6	5	7	10	10	8	6	3	3	3	3	3	3	3	3	3	4	4	5	8	13	6.9	24	26
18*	14	15	16	15	12	12	11	11	5	4	3	3	3	2	2	2	2	3	5	5	6	4	3	3	6.7	24	18
19	2	2	2	2	2	3	6	8	7	4	4	3	2	3	4	4	4	4	4	3	3	3	2	3	3.6	24	11
20	2	2	2	1	2	2	3	3	3	3	3	3	2			3	2								2.3	15	4
21								4	3	4	3	4	5	4	3	5	4	3	3	3	3	3	4	3	3.5	17	7
22	4	2	2	1	2	3	6	9	5	5	5	3	3	2	2	4	5	5	5	7	3	3	2	1	3.6	24	11
23	1	1	1	1	1	1	4	7	4	3	3	3	3	3	4	6	4	4	4	4	4	4	3	2	3.0	24	10
24*	2	2	1	1	2	2	2	2	2	2	2	2	2	2	2	2	1	3	5	7	11	8	7	7	3.2	24	17
25*	6	4	3	2	2	2	2	3	3	4	3	3	3	3	3	3	3	5	5	5					3.2	20	7
26								5	4	4	3	3	3		3	2	3	4	4	4	3	3	2	3	3.3	16	6
27	1	1	1	2	3	4	5	6	5	3	3	3		3	4	5	5	4	5	4	5	5	5	4	3.8	23	16
28	3	3	3	3	3	5	6	7	7	6	5	5	4	4	4	4	5	5	5	5	5	4	3	3	4.5	24	9
29	2	2	2	2	2	4	5	8	6	6	7	6	4	5	6	5	6	5	5	5	5	4	4	3	4.5	24	10
30	3	2	2	2	2	6	11	13	8	4	3	3	4	3	4	4	4	4	4	5	4	5	4	4	4.5	24	17
MEAN	4	4	4	3	3	4	5	6	4	3	3	3	3	3	3	4	4	4	4	5	5	6	5	5	4.0		
NO	22	22	23	23	23	23	23	26	27	27	27	26	25	25	26	27	27	26	25	24	23	24	22	22		588	
MAX	21	21	16	15	12	12	11	13	8	6	7	6	5	5	6	6	6	5	6	10	14	21	18	22	7.8		26

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., MAR. 22, 1967

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CONTINUOUS AIR MONITORING PROGRAM

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

CONCENTRATION IN PPM
INFRARED ANALYSIS

WASHINGTON, D.C.

CARBON MONOXIDE
OCT. 1966

DAY OF MONTH	AM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	PM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5 MIN MAX
1*	2		2	2	2	2	2	2	3	3	4	3	4	3	3	4	3	3	3	4	3				2.8	20	5
2*		3	2	3	3	3	3	3	2	2	2	2	2	2	1	1	2	2	4						2.2	18	4
3								11	10	6	4	3	2	2	2	2	2	1	2	2	1	1	1	2	3.2	17	12
4	1	0	0	1	1	3	5	5	3	1	0	0	0	0	1	2	3	1	1	1	2	1	1	1	1.4	24	7
5	1	0	0	0	0	0	0	1	4	3	3	2		5	6	6	6	6	6	6	5	5	4	5	3.2	23	8
6	4	4	4	3	3	4	8	7	4	4	3			3	3	3	3	3	4	5	4	3	3	2	3.8	22	11
7	2	2	2	1	2	6	16	13	8	7	3	3	3	2	3	3	4	4	5	6	5	5	4	3	4.6	24	21
8*	2	2	1	1	1	2	4	3	2	3	4	3	2	1	2	1	1	3	8	8	5	3	2	1	2.6	24	11
9*	1	1	1	1	1	1	1	1	1	2	2	2	2	0	0	0	1	1	1	1	0	0	0	0	0.8	24	3
10	0	0	0	0	0	0	3	4	1	0	0	0	0	0	0	1	1	3	4	8	3	1	0	0	1.3	24	11
11	1	1	1	1	1	3	6	7	4	3	3	2		5	5	4	5	6	8	7	6	6	5	4	4.0	23	10
12	4	4	3	3	4	5	8	9	7	5	5	5	3	2	2	3	5	5	8	13	19	16	15	5	6.5	24	23
13	2	2	1	1	2	3	5	5	4	4	6	6	5	3	2	3	2	3	4	5	4	5	4	6	3.5	24	7
14	4	3	3	2	2	4	6	9	7	4	2	1	2	2	2	2	2	3	5	2	2	2	2	2	3.1	24	19
15*	2	2	2	1	1	2	2	2	2	2	1	1	1	1	2	2	2	2	3	1	1	1	2	1	1.6	24	4
16*									4	4	3	2	2	2	3	3	4	3	3	4	3	2	2	2	2.9	16	6
17																											
18	2	2	2	4				13	8	4	2	3	3	3	3	4	4	5	5	4	3	3	3	3	3.9	21	17
19	2	2	2	2	2	5	6	7	6	6	7	5		4	5	6	7	5	4	4	3	3	2	2	4.2	23	9
20	2	2	2	2	2	3	4	5	6	6	5	4	4	4	4	4	4	5	5	7	9	7	7	6	4.5	24	16
21	6	6	6	7	9	10	15	19	16	13	9	8	8	6	6	8	7	6	5	5	5	5	4	4	8.0	24	29
22*	4	4	4	3	3	4	4	5	4	4	4	4	3	3	2	2	3	2	2	3	3	3	3	3	3.4	24	13
23*	3	3	3	4	5	4	3	4	4	4	4	4	5	5	6	6	5	5	3	3					4.2	20	7
24		4	3	3	3	3					5	4	4	4	6	7	5	6	6	5	5	4	3	3	4.3	19	11
25	3	2	2	2	3	4	6	10	10	6	5	5	6	6	9	8	8	7	6	5	5	5	5	5	5.5	24	14
26	4	3	3	4	4	6	8	12	10	7	7	5	6	6	7	6	6	9	11	15	18	23	22	20	9.2	24	28
27	15	13	10	9	10	9	10	13	10	9	9	9	9	7	7	8	7	7	7	9	17	19	22	22	11.1	24	23
28	21	17	14	16	12	13	17	16	13	11	12	11	6	5	5	6	8	12	20	33	38	28	19	17	15.4	24	47
29*	11	13	12	9	7	8	12	11	11	11	6	5	5	4	4	4									8.2	16	14
30*																											
31									10	8	8	7	6	5	5	6	6	9	9	5	6	5	4	6	6.4	16	15
MEAN	4	4	3	3	3	4	6	8	6	5	4	4	4	3	4	4	4	5	5	6	7	6	6	5	4.7		
NO	24	25	26	26	25	25	24	26	28	28	29	28	25	29	29	29	28	28	28	27	26	25	25	25		638	
MAX	21	17	14	16	12	13	17	19	16	13	12	11	9	7	9	8	8	12	20	33	38	28	22	22	15.4		47

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., MAR. 22, 1967

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONCENTRATION IN PPM
INFRARED ANALYSIS

WASHINGTON, D.C.

CARBON MONOXIDE
NOV. 1966

DAY OF MONTH	AM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	PM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN MAX
1	5	4	4	4	4	4	6	5	7	7	8	7	5	5	5	6	7	7	6	6	6	9	8	5	5.9	24	10
2	4	3	2	2	2	2	3	4	5	4	3	2	2	3	3	4	4	3	2	2	2	1	2	2	2.7	24	11
3	2	2	2	2	3	4	5	7	8	7	7	7	7	8	8	9	9	9	7	8	8	8	8	7	6.2	24	11
4	7	7	7	7	7	8	9	11	12	10	10	10	10	10	10	10	13	16	13	11	13	10	11	10	10.0	24	27
5*	10	8	8	7	4	4	5	6	6	5	5	5	4	4	4	5	5	4	5	5	4	4	4	4	5.2	24	12
6*	4	5	4	4	3	4	3	4	3	4	5	4	4	5	4	5	5	5	7	7	7	6	6	6	4.8	24	9
7	6	5	5	5	6	8	9			10	8	6	5	6	6	7	9	11	12	8	7	7	7	6	7.3	22	28
8	6	5	5	4	4	4	6	8	10	7	6	6	6	6	6	7	11	10	5	4	4	3	3	2	5.7	24	15
9	2	2	1	1	1	2	4	6	6			4	3	4	3	5	7	7	5	3	2	2	2	1	3.3	22	13
10	2	1	1	0	0	0	2	4	5	3	2	2	2	2	2	3	6	6	2	1	1	1	1	0	2.1	24	9
11	0	1	2	3	0	1	2	3	2	2	1	1	0	1	1	1	2	4	4	5	5	4	2	2	1.9	24	6
12*	2	2	1	2	1	1	1	1	1	3	3	4	2	1	1	1	2	3	4	3	3	2	2	2	2.0	24	9
13*	3	3	4	4	4	3	3	4	3	4	4	4	4	2	1	1	2	3	2	4	4	5	5	5	3.3	24	5
14	4	4	3	3	4	4	7	8	7	6	5	7	5	5	5	6	8	8	9	8	7	7	4	5	5.8	24	14
15	4	3	3	2	2	3	4	6	5	4		3	3	3	3	3	5	5	6	6	6	7	8	8	4.4	23	9
16	7	6	5	7	8	9	12	15	10	6	4	4	3	4	4	4	5	6	4	3	4	2	1	1	5.6	24	18
17	1	0	0	0	0	0	1	4	6	4	3	3	3		3	6	8	11	9	5	3	5	1	0	3.3	23	16
18	0	0	0	0	0	0	2	4	5	3	3	3	6	8	11	10	13	9	5	3	15	14	4	0	4.9	24	24
19*	0	0	0	0	0	0	0	0	0	0	2	1	1	2	2	3	4	5	4	4	3	3	3	3	1.6	24	6
20*	3	3	3	3	3	3	3	4	3	4	3	4	3	3	2	2	4	5	5	5	6	8	6	6	3.9	24	9
21																											
22																											
23																											
24																											
25																											
26*																											
27*																											
28																											
29																											
30																											
MEAN	4	3	3	3	3	3	4	6	6	5	5	4	*	4	4	5	6	7	6	5	6	5	4	4	4.5		
NO	20	20	20	20	20	20	20	19	19	19	18	20	20	19	20	20	20	20	20	20	20	20	20	20		474	
MAX	10	8	8	7	8	9	12	15	12	10	10	10	10	10	11	10	13	16	13	11	15	14	11	10	10.0		28

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., MAR. 22, 1967

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONCENTRATION IN PPM INFRARED ANALYSIS

WASHINGTON, D.C.

CARBON MONOXIDE
DEC. 1966

DAY OF MONTH	AM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	PM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS	5 MIN MAX
1																											
2																											
3*																											
4*																											
5																											
6																											
7																											
8																											
9									.	4	3	2	2	2	2	3	4	6	4	6	4	3	3	3	3.5	15	8
10*	3	3	3	2	2	2	2	2	3	2	2	2	3	2	2	2	2	2	1	2	2	2	2	3	2.1	24	7
11*	3	2	2	2	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1.7	24	4
12	1	1	1	1	1	1	2	4	4	3	3	2	2	2		3	4	5	5	4	3	3	4	3	2.7	23	6
13	3	3	3	2	2	3	4	5	5	5	5	5	5	5	5	7	7	6	4	4	4	4	3	3	4.2	24	9
14	3	3	3	3	3	3	4	5	6	4	4	4	4	4	4	5	6	6			4	4	4	3	4.0	22	8
15	3	3	3	3	3	3	4	4	5	4		4	4	3	4		6	6	6	6	8	7	6	6	4.5	22	9
16	8	8	6	6	6	5	7	10	10	8	6	5	4	4	5	6	8	11	6	5	5	6	6	6	6.5	24	13
17*	7	6	6	5	5	5	6	9	8	6	7	7	8	6	6	6	9	13	10	7	6	5	4	5	6.7	24	18
18*	5	3	3	3	3	3	4	5	5	3	4	4	4	4	4	5	7	7	8	11	4	4	3	2	4.6	24	16
19	2	2	2	3	2	3	4	5	5	4	4	4	3	3	3	4	5	5	4	4	4	4	5	4	3.6	24	9
20	4	3	3	3	3	3	4	5	5	4	5	7	8	6	6	6	8	7	5	4	3	3	3	3	4.6	24	10
21	3	3	3	3	3	3	4	4	5	5	3	3	3	3	3	4	6	6	5	6	5	4	4	4	3.9	24	7
22	5	6	8	5	3	3	4	5	6	5	6	7	6		4	5	7	7	8	8	7	8	12	13	6.4	23	15
23	13	12	6	3	3	2	3	5	4	3	3	3	2	4	4	5	5	4	3	3	2	2	2	3	4.1	24	15
24*	2	2	2	2	2	2	1	2	2	2	3	2	2	2	2	2	2	2	2	2	1	1	1	2	1.8	24	3
25*	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	2	3	4	3	3	3	2	2	2	2.4	24	5
26	2	2	2	2	2	2	2	4	3	3	3	3	3	3	3	3	3	2	3	3	4	4	4	5	2.9	24	6
27	3	4	4	3	3	4	4	5	5	4	4	4	4	4	4	4	5	7	8	6	6	8	13	15	5.4	24	22
28	17	16	15	12	9	8	7	7	7	8		5	4	4	4	4	4	4	3	2	3	2	3	3	6.5	23	19
29	2	2	2	2	2	2	3	4	7	6	7	5	3	3	3	3	4	4	3	3	3	3	3	3	3.3	24	9
30	2	3	2	3	2	3	4	6	7	6	4	5	4	5	5	5	6	7	7	6	6	5	4	5	4.6	24	11
31*	5	6	7	7	7	6	8	1[illegible]	9	6	5	5	4	4	3	3	3	3	2	3	3	3	2	3	4.8	24	14
MEAN	4	4	4	3	3	3	4	5	5	4	4	4	4	4	4	4	5	5	5	4	4	4	4	4	4.1		
NO	22	22	22	22	22	22	22	22	22	23	21	23	23	22	22	22	23	23	22	22	23	23	23	23		536	
MAX	17	16	15	12	9	8	8	11	10	8	7	7	8	6	6	7	9	13	10	11	8	8	13	15	6.7		22

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., MAR. 22, 1967

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONCENTRATION IN PPM

COLORIMETRIC ANALYSIS

WASHINGTON, D.C.

NITRIC OXIDE
JAN. 1966

DAY OF MONTH	AM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	PM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5 MIN MAX
1*	.05	.02	.02	.03	.03	.03	.02	.02	.03	.06		.01	.02	.01		.03	.02	.03	.04	.04	.04	.05	.06	.06	.033	22	.08
2*	.05	.05	.03	.03	.02	.01	.01	.02	.03	.04	.04	.03	.03	.03		.05	.06	.07	.07	.08	.07	.06	.07	.08	.045	23	.08
3	.07	.08	.07	.05	.05	.06	.07	.13	.22	.11	.09	.11	.03	.02		.03	.04	.06	.04	.02	.02	.02	.02	.02	.062	23	.25
4	.01	.01	.01	.01	.01	.02	.04	.10	.14	.10	.05	.05	.03	.03			.06	.04	.06	.08	.09	.13	.12	.13	.060	22	.16
5	.10	.09	.11	.14	.13	.09	.10	.35	.46	.18	.13	.11	.09	.06		.10	.13	.14	.09	.09	.07	.07	.06	.06	.127	23	.51
6	.05	.03	.02	.01	.02	.02	.03	.05	.08	.07	.06		.06	.06		.07	.09	.09	.08	.06	.06	.06	.06	.05	.053	22	.10
7																											
8*																											
9*	.02	.02	.01	.01	.01	.01	.01	.02	.02	.02	.02	.02	.02	.02		.02	.03	.04	.05	.06	.05	.04	.04	.02	.025	23	.06
10	.02	.02	.01	.01	.01	.02	.02	.05	.06	.05	.04	.03	.03	.03			.05	.08	.09	.09	.12	.09	.07	.06	.048	22	.15
11																											
12	.02	.02	.02	.01	.01	.01		.05	.06	.06		.03	.02	.02		.02	.03	.05	.05	.06	.05	.05	.09	.18	.042	21	.21
13	.12	.12	.12	.08	.07	.06	.07	.08	.10	.08	.06	.06	.05	.05		.04	.07	.08	.06	.06	.04	.03	.03	.03	.066	23	.19
14	.04	.04	.02	.01	.01	.02	.03	.05	.06	.05	.02	.03	.02	.02		.03	.04	.07	.09	.07	.07	.07	.08	.07	.043	23	.11
15*	.07	.07	.08		.07	.10	.21	.14	.14	.12	.08	.04	.03	.03		.06	.06	.07	.06	.08	.10	.10	.08	.06	.083	22	.25
16*	.05	.03	.02	.02	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01		.01	.02								.015	16	.07
17									.04	.04	.04	.03	.03	.03		.02	.04	.05	.04	.04	.04	.03	.03	.03	.035	15	.05
18	.03	.03	.01	.01	.01	.01	.02	.06				.03	.03	.03			.03	.04	.05	.06	.03	.02	.02	.02	.027	19	.07
19	.02	.02	.01	.01	.01	.02	.02	.04	.06	.05	.05	.04	.04	.04		.03	.04	.05	.04	.03	.02	.02	.02	.02	.029	23	.07
20	.02	.01	.01	.01	.01	.01	.02	.05	.07	.06	.03	.02	.02	.01			.03	.05	.05	.06	.04	.06	.05	.05	.032	22	.08
21	.04	.05	.04						.10	.08	.05	.03	.02	.02		.02	.03	.06	.11	.12	.13	.18	.22	.25	.085	18	.27
22*	.22	.15	.13	.13	.12	.14	.11	.11	.11	.09	.07	.05	.04	.03		.03	.03	.03	.01	.01	.01	.01	.01	.01	.071	23	.27
23*	.01	.00	.00	.01	.01			.00	.01	.01	.01	.01	.01	.01		.01	.01	.01	.00	.01	.00	.01	.00	.00	.006	21	.02
24	.00	.00	.00	.00	.00	.01	.01	.02		.04	.03	.03	.03	.02		.02	.03	.06	.05	.04	.03	.03	.03	.02	.022	22	.07
25	.02	.02	.02	.01	.01	.01	.02	.04	.06	.05	.03	.03	.02	.02		.04	.04	.06	.05	.04	.03	.02	.02	.03	.030	23	.08
26	.03	.02	.02	.02	.02	.02	.03	.05	.07	.08	.08	.07	.05	.04		.04	.07	.08	.05	.04	.04	.03	.03	.02	.042	23	.09
27	.02	.01	.01	.02	.01	.02	.03	.04	.05	.04			.04	.03			.07	.09	.07	.03	.02	.01	.01	.01	.030	20	.11
28	.01	.01	.01	.01	.02	.01	.02	.04	.04	.04	.03	.02	.02	.02		.02	.04	.05	.05	.04	.03	.03	.02	.02	.026	23	.06
29*	.02	.02	.02								.03	.03	.02	.02		.01	.01	.01	.02	.02	.02	.01	.01	.01	.018	16	.04
30*	.01	.01	.01	.00	.00	.00	.00	.00	.00	.00	.00	.01	.00	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.002	23	.02
31	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00											.000	14	.00
MEAN	.04	.03	.03	.03	.03	.03	.04	.06	.08	.06	.04	.03	.03	.03		.03	.04	.05	.05	.05	.05	.05	.05	.05	.042		
NO	27	27	27	24	25	24	23	25	25	26	24	26	28	28		22	27	26	26	26	26	26	26	26		590	
MAX	.22	.15	.13	.14	.13	.14	.21	.35	.46	.18	.13	.11	.09	.06		.10	.13	.14	.11	.12	.13	.18	.22	.25	.127		.51

* Indicates Saturday or Sunday
Local standard time used

TABULATED: THU., MAY 4, 1967

CONTINUOUS AIR MONIT[illegible] PROGRAM

Air Quality Section, Laborato[illegible]ls and Physical Sciences
Division of Air Pollution, Publi[illegible]ervice
U. S. Department of Health, Edu[illegible]and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

HOURLY AVERAGES OF
GASEOUS POLLUTANT CONCENTRATIONS

WASHINGTON, D.C.

CONCENTRATION IN PPM

COLORIMETRIC ANALYSIS

NITRIC OXIDE
FEB. 1966

DAY OF MONTH	AM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	PM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5 MIN MAX
1																											
2	.01	.01	.01	.00	.01	.01	.01	.01	.01			.01	.01	.01		.01	.01	.02	.01	.01	.01	.01	.01	.01	.010	18	.02
3	.01	.01	.01	.01	.01	.01	.02	.03	.03	.03		.01	.01	.01			.02	.02	.03	.03	.03	.02	.02	.01	.019	21	.04
4	.01	.01	.01	.01	.01	.01	.02	.03	.04	.03	.03	.01	.01	.01		.01	.02	.02	.02	.02	.01	.01	.01	.01	.015	23	.05
5*	.01	.01	.01	.00	.00	.01	.01	.02	.02	.01	.01	.01	.01	.03		.02	.02	.03	.05	.05	.05	.05	.05	.04	.021	23	.06
6*	.05	.03	.03	.03	.04	.03	.06	.10	.09	.06	.03	.02	.01	.01		.01	.02	.01	.02	.02	.02	.03	.03	.03	.034	23	.12
7	.03	.02	.02	.02	.03	.04	.05		.09	.09	.09	.09	.07	.06	.06		.03	.04	.05	.04	.03	.03	.03	.02	.046	22	.11
8	.02	.02	.02	.02	.02	.02	.02			.19	.18	.14	.14	.15		.18	.19	.25	.21	.14	.13	.13	.17	.21	.121	21	.27
9	.18	.19	.17	.17	.13	.11	.12	.10	.21	.16	.15	.08	.04	.03		.03	.05	.04	.05	.04	.02	.02	.02	.02	.092	23	.25
10	.01	.01	.01	.01	.03	.02	.02	.05	.03	.05	.04	.05	.04			.09	.14	.21	.17	.18	.11	.13	.28	.25	.086	22	.33
11	.08	.03	.01	.01	.00	.01	.02	.05	.14	.10	.06	.04	.05	.07		.06	.10	.22	.38	.48	.45	.43	.49	.37	.158	23	.54
12*	.26	.15	.10	.06	.05	.04	.08	.12	.17	.13	.05	.05	.05	.04		.05	.06	.07	.06	.05	.05	.05	.06	.05	.079	23	.29
13*	.05	.03	.01	.00	.00	.00	.00	.00	.00	.01	.01	.01	.01	.01		.01	.01	.01	.00	.00	.01	.01	.01	.00	.009	23	.06
14	.00	.00	.00	.00	.00	.00	.01	.03	.07	.04	.02	.02	.01	.01		.01	.02	.05	.10	.12	.05	.03	.04	.03	.028	23	.16
15	.02	.01	.00	.00	.01	.02	.08	.06	.07	.05	.02	.02	.01	.01		.01	.03	.05	.04	.04	.03	.04	.03	.01	.028	23	.13
16	.00	.00	.00	.00	.00	.00	.01	.03	.06	.05	.05	.02	.02	.03		.03	.05	.07	.05	.04	.06	.05	.04	.03	.029	23	.08
17	.03	.01	.00	.00	.00	.00	.01	.01	.03	.03	.02	.01	.01	.01		.01	.02	.03	.03	.03	.05	.06	.07	.04	.021	23	.08
18	.08	.09	.07	.08	.07	.07	.10	.15	.24	.17	.11	.05	.02	.02		.01	.04	.05	.07	.04	.03	.03	.02	.01	.069	23	.28
19*	.01	.02	.02	.09	.10	.11	.11	.12	.10	.05	.03	.02		.01		.00	.00	.00	.01	.01	.00	.00	.00	.00	.036	22	.14
20*	.00	.00	.[illegible]	.00	.00	.00	.00	.00	.00	.00	.00	.01	.00	.00		.01	.01	.01	.01	.01	.01	.00	.00	.00	.003	23	.01
21	.00	.00	.00	.00	.00	.00	.00	.03	.04	.03	.01	.01	.01	.01		.01	.02	.03	.04	.03	.02	.02	.01	.01	.013	23	.04
22	.01	.00	.01	.00	.00	.00	.01	.01	.01	.01	.01	.01	.01	.01		.01	.01	.01	.02	.02	.02	.03	.03	.02	.011	23	.03
23	.02	.01	.01	.01	.01	.02	.02	.03	.06	.03	.02	.01	.01	.00		.01	.00	.01	.02	.01	.02	.01	.02	.03	.016	23	.07
24	.02	.01	.00	.00	.00	.00	.02	.03	.08	.07	.05	.05	.03	.01		.02	.03	.05	.04	.04	.03	.02	.02	.02	.028	23	.09
25	.02	.01	.01	.01	.01	.02	.02	.03	.04	.05	.04	.04	.03	.02		.01	.03	.06	.04	.03	.02	.01	.02	.04	.026	23	.08
26*	.04	.02	.01	.01	.00	.01	.01	.02	.02	.01	.01	.00	.00	.00		.00	.00	.00	.01	.01	.01	.01	.01	.01	.009	23	.04
27*	.01	.01	.01	.01	.01	.01	.02	.02	.03	.02	.01	.01	.00	.01		.00	.00	.01	.01	.02	.01	.01	.01	.01	.011	23	.03
28	.00	.00	.00	.00	.00	.00	.01	.02	.05	.05	.03	.05	.06	.06		.06	.09	.10	.10	.02	.01	.02	.03	.03	.033	23	.12
MEAN	.04	.03	.02	.02	.02	.02	.03	.04	.07	.06	.04	.03	.03	.02		.03	.04	.05	.06	.05	.05	.05	.06	.05	.039		
NO	27	27	27	27	27	27	27	25	26	26	25	26	25	25	1	25	27	27	27	27	27	27	27	27		609	
MAX	.26	.19	.17	.17	.13	.11	.12	.15	.24	.19	.18	.14	.14	.15	.06	.18	.19	.25	.38	.48	.45	.43	.49	.37	.158		.54

* Indicates Saturday or Sunday
Local standard time used

TABULATED THU., MAY 4, 1967

E. 21

CONTINUOUS AIR MONITORING PROGRAM

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

WASHINGTON, D.C.

CONCENTRATION IN PPM

COLORIMETRIC ANALYSIS

NITRIC OXIDE
MARCH 1966

DAY OF MONTH	AM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	PM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS.	5 MIN MAX
1	.02	.02	.01	.01	.01	.01	.01	.04	.07	.04	.02	.01	.01	.01			.01	.01	.01	.01	.01	.00	.00	.00	.015	22	.08
2	.00	.00	.00	.00	.00	.00	.02	.04	.07	.03	.02	.02	.01	.01		.00	.02	.04	.10	.30	.47	.44	.41	.33	.101	23	.50
3	.32	.26	.21	.10	.05	.03	.02	.05	.09	.05	.04	.01	.00			.00	.00	.02	.04	.03	.04	.01	.02	.02	.065	22	.33
4	.00	.00	.00	.00	.00	.00	.00	.03	.05	.05	.02	.03	.02	.02		.03	.05	.10	.05	.03	.02	.03	.03	.02	.024	23	.11
5*	.02	.00	.01	.01	.00	.00	.00	.01	.02	.01	.01	.01	.00	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.004	23	.03
6*	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.00	.00		.00	.00	.01	.01	.00	.00	.01	.01	.01	.003	23	.01
7	.01	.00	.00	.00	.00	.00	.01	.05	.09	.05	.02	.02	.01	.01		.02	.02	.03	.03	.02	.02	.02	.01	.01	.019	23	.10
8	.01	.00	.00	.00	.00	.00	.01	.02	.04	.03	.02	.02	.01	.01		.01	.02	.03	.03	.04	.03	.04	.03	.05	.018	23	.06
9	.04	.04	.01	.02	.02	.02	.04	.05	.06	.04	.01	.00	.00	.00		.00	.02	.02	.03	.03	.04	.05	.06	.05	.028	23	.07
10	.04	.06	.06	.02	.01	.02	.03	.07	.13	.08	.06	.04	.01	.01		.00	.00	.02	.05	.06	.02	.00	.00	.00	.034	23	.17
11	.00	.00	.00	.00	.00	.00	.01	.05	.08	.12	.09	.02	.01	.00		.00	.01	.02	.03	.03	.04	.05	.05	.06	.029	23	.15
12*	.04	.03	.03	.02	.01	.00	.01	.01	.01	.00	.02	.01	.00	.00			.00	.00	.00	.00	.00	.00	.00	.00	.009	22	.05
13*	.00	.01	.00	.00	.00	.00	.00	.00	.00	.01	.02	.02	.01	.00		.00	.00	.00	.00	.00	.01	.02	.01	.01	.005	23	.04
14	.00	.00	.00	.00	.00	.00	.00	.01	.04	.02	.01	.01	.02	.03		.02	.02	.03	.03	.02	.02	.02	.02	.02	.015	23	.05
15	.01	.00	.00	.00	.01	.01	.03	.04	.06	.07				.01		.01	.01	.02	.02	.01	.02	.01	.00	.02	.016	20	.08
16	.02	.01	.01	.01	.01	.01	.03	.05	.04	.04	.03	.02	.01	.01		.01	.02	.03	.03	.03	.04	.05	.07	.07	.027	23	.08
17	.08	.03	.02	.01	.01	.01	.03	.07	.13	.07	.03						.01	.03	.02	.02	.02	.03	.01	.01	.034	19	.16
18	.00	.02	.02	.02	.02	.02	.02	.06	.10	.08	.03	.02	.02	.01		.00	.02	.03	.04	.03	.02	.01	.01	.01	.026	23	.12
19*	.00	.00	.00	.00	.00	.00	.01	.01	.03	.03	.02	.06	.03	.01		.01	.01	.01	.01	.02	.02	.03	.03	.03	.016	23	.06
20*	.03	.04	.04	.02	.02	.01	.01	.01	.01	.01	.01	.02	.01	.02		.01	.01	.01	.02	.02	.03	.02	.03	.02	.018	23	.05
21	.03	.02	.01	.01	.01	.02	.04	.07	.10	.04	.04	.03	.02	.01			.01	.03	.04	.06	.04	.03	.02	.02	.031	22	.11
22	.01	.01	.01	.00	.00	.00	.01	.05	.06	.04	.01	.02	.01	.01		.01	.01	.04	.08	.13	.13	.26	.30	.09	.055	23	.39
23	.03	.02	.01	.04	.06	.05	.03	.04	.06	.03	.01	.01	.01	.01		.00	.00	.01	.01	.00	.00	.00	.00	.00	.018	23	.07
24	.00								.10	.06	.09	.11	.05	.02		.03	.03	.05	.04	.04	.05	.02	.02	.01	.044	16	.13
25	.01	.00	.00	.00	.00	.00	.01	.02	.04	.02	.02	.02	.03	.02		.02	.03	.04	.04	.04	.04	.03	.03	.04	.021	23	.06
26*	.07	.07	.08	.06	.04	.09	.14	.10	.04	.03	.02	.02	.01	.01		.01	.02	.02	.03	.04	.03	.01	.01	.01	.041	23	.15
27*	.01	.01	.01	.01	.01	.00	.00	.01	.01	.01	.01	.01	.01	.01		.00	.00	.01	.01	.01	.01	.01	.01	.01	.008	23	.01
28	.00	.00	.00	.00	.00	.00	.00	.01	.03	.02	.02	.02	.02	.02		.02	.02	.03	.02	.02	.02	.01	.01	.01	.013	23	.04
29	.01	.00	.00	.00	.00	.00	.02	.05	.05	.04	.02	.01	.01	.01		.00	.01	.02	.01	.02	.03	.05	.21	.21	.034	23	.27
30	.22	.17	.15	.13	.05	.02	.02	.05	.08	.07	.02	.01	.01	.01		.02	.02	.04	.04	.03	.01	.01	.01	.02	.051	23	.27
31	.03	.04	.02	.01	.00	.01	.01	.03	.04	.05	.03	.02	.02	.01			.02	.02	.03	.03	.03	.03	.05	.04	.026	22	.06
MEAN	.03	.03	.02	.02	.01	.01	.02	.04	.05	.04	.03	.02	.01	.01		.01	.01	.02	.03	.03	.04	.04	.05	.04	.027		
NO	31	30	30	30	30	30	30	30	31	31	30	29	29	29		26	31	31	31	31	31	31	31	31		694	
MAX	.32	.26	.21	.13	.06	.09	.14	.10	.13	.12	.09	.11	.05	.03		.03	.05	.10	.10	.30	.47	.44	.41	.33	.101		.50

* Indicates Saturday or Sunday
Local standard time used

TABULATED: THU., MAY 4, 1967

22

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONCENTRATION IN PPM

COLORIMETRIC ANALYSIS

WASHINGTON, D.C.

NITRIC OXIDE
APRIL 1966

DAY OF MONTH	AM 12-1	AM 1-2	AM 2-3	AM 3-4	AM 4-5	AM 5-6	AM 6-7	AM 7-8	AM 8-9	AM 9-10	AM 10-11	AM 11-12	PM 12-1	PM 1-2	PM 2-3	PM 3-4	PM 4-5	PM 5-6	PM 6-7	PM 7-8	PM 8-9	PM 9-10	PM 10-11	PM 11-12	DAILY MEAN	NO. OF HRS.	5 MIN MAX
1	.04		.02	.01	.01	.01	.00	.04	.05	.05	.04	.03	.04	.04		.09	.11	.06	.06	.08	.03	.02	.01	.01	.038	22	.12
2*	.01	.01	.00	.00	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01		.01	.01	.01	.01	.01	.01	.02	.02	.02	.010	23	.03
3*	.02	.04	.06	.10	.08	.06	.07	.05	.04	.03	.03	.02	.01	.01		.01	.01	.02	.01	.02	.02	.02	.04	.04	.035	23	.12
4	.05	.04	.04	.02	.02	.02	.04	.04	.07	.08	.06	.05	.04	.04			.05	.05	.03	.03	.03	.02	.02	.01	.038	22	.09
5	.01	.01	.01	.01	.00	.01	.02	.03	.03	.02	.01	.01	.01	.01		.02	.03	.05	.04	.04	.06	.05	.03	.01	.022	23	.07
6	.01	.01	.01	.01	.01	.02	.05	.07	.05	.03	.02	.02	.02	.02		.01	.02	.05	.04	.07	.09	.04	.02	.01	.031	23	.10
7	.04	.05	.05	.07	.06	.05	.06	.07	.10				.02	.02		.02	.02	.03	.03	.02	.02	.01	.01	.01	.036	20	.11
8	.02	.01	.01	.00	.00	.00	.02	.02	.02	.02	.01	.01	.01	.02		.01	.02	.03	.02	.01	.01	.01	.01	.00	.012	23	.04
9*	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01		.02	.02	.02	.02	.03	.02	.02	.02	.01	.008	23	.04
10*	.01	.01	.01	.01	.00	.01	.01	.01	.01	.01	.01	.01	.01	.01		.01	.01	.01	.02	.03	.07	.12	.07	.04	.022	23	.15
11	.02	.01	.00	.00	.00	.01	.02	.04	.04	.03	.02	.01	.01	.01			.01	.02	.02	.04	.05	.03	.01	.01	.018	22	.06
12	.01	.00	.00	.01	.01	.02	.03	.05	.06	.04	.04	.04	.04	.06											.029	14	.08
13											.02	.02	.02	.02		.03	.05	.06	.06	.06	.04	.04	.04	.04	.037	13	.08
14	.03	.02	.01	.01	.01	.01	.03	.05	.06	.02	.01	.01	.01	.01			.01	.02	.02	.08	.13	.29	.43	.35	.071	22	.45
15	.35	.18	.13	.09	.24	.28	.24	.09	.06	.02	.01	.01	.01	.00		.00	.01	.02	.01	.01	.04	.03	.04	.04	.082	23	.37
16*	.03	.03	.02	.03	.02	.00	.04	.03	.02	.01	.00	.01	.01	.01		.00	.02	.01	.01	.03	.06	.10	.08	.07	.027	23	.12
17*	.11	.11	.22	.09	.02	.01	.01	.01	.00	.00	.00	.00	.00	.00		.00	.00	.00	.00	.01	.01	.01	.00	.00	.026	23	.23
18	.00	.00	.00	.00	.00	.00	.00	.02	.05	.04	.02	.02	.03	.02		.02	.02	.01	.01	.01	.02	.01	.02	.02	.015	23	.06
19	.02	.01	.02	.03	.03	.01	.03	.04	.03	.01	.01	.00	.00	.00		.01	.00	.00	.00	.00	.00	.00	.00	.00	.011	23	.04
20	.00	.00	.00	.00	.00	.00	.01	.01	.02	.03	.02	.01	.01	.01		.01	.01	.01	.01	.01	.01	.02	.03	.02	.010	23	.03
21	.01	.00	.00	.00	.00	.01	.02	.06	.07	.05	.03	.01	.01	.01		.02	.02	.03	.03	.03	.05		.04	.01	.022	22	.10
22	.02	.01	.00	.00	.01	.00	.04	.07	.07	.05	.03	.03	.03	.04		.05	.06	.08	.06	.07	.08	.07	.08	.07	.044	23	.09
23*	.08	.07	.04	.03	.04	.05	.05	.03	.03	.02	.02	.02	.02	.02		.01	.01	.01	.02	.03	.03	.02	.02	.03	.030	23	.08
24*	.04	.02	.01	.01	.01	.01	.02	.02	.02	.02	.01	.01	.02	.00		.00	.01	.01	.03	.04		.03	.05	.03	.018	22	.09
25	.00	.00	.00	.00	.00	.01	.05	.07	.05	.03	.04	.04	.02	.01		.01	.01	.01	.01	.01	.02	.01	.01	.00	.017	23	.10
26	.00	.00	.01	.02	.03	.12	.20	.33	.18	.05	.01	.01	.01	.01		.02	.02	.01	.01	.01	.02	.01	.03	.02	.049	23	.36
27	.02	.01	.01	.00	.00	.00	.02	.03	.02	.02	.03	.02	.01	.01		.02	.02	.02	.02	.01	.01	.01	.01	.01	.014	23	.09
28	.00	.00	.00	.00	.00	.00	.02	.04	.03	.02	.02	.02	.02	.02		.03	.02	.02	.01	.01	.01	.01	.01	.01	.014	23	.05
29	.00	.00	.00	.00	.00	.01	.03	.04	.05	.06	.06	.05	.04	.06		.07	.07	.09	.06	.18	.09	.09	.07	.09	.050	23	.16
30*	.09	.09	.06	.05	.04	.04	.06	.09	.07	.06	.06	.05	.04	.04		.04	.06	.07	.08	.08	.08	.10	.07	.05	.062	23	.14
MEAN	.03	.03	.03	.02	.02	.03	.04	.05	.05	.03	.02	.02	.02	.02		.02	.02	.03	.03	.03	.04	.04	.04	.04	.030		
NO	29	28	29	29	29	29	29	29	29	28	29	29	30	30		26	29	29	29	29	28	28	29	29		662	
MAX	.35	.18	.22	.10	.24	.28	.24	.33	.18	.08	.06	.05	.04	.06		.09	.11	.09	.08	.13	.13	.29	.43	.35	.082		.45

TABULATED THU., MAY 4, 1967

* Indicates Saturday or Sunday
Local standard time used

E. 23

CONTINUOUS AIR MONITORING PROGRAM

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

WASHINGTON, D.C.

CONCENTRATION IN PPM

COLORIMETRIC ANALYSIS

NITRIC OXIDE
MAY 1966

DAY OF MONTH	AM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	PM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5 MIN MAX
1*	.05		.04	.06	.12	.11	.10	.07	.07	.03	.02	.01	.01	.01		.00	.01	.01	.01	.02	.02	.03	.02	.02	.039	22	.16
2	.01	.01	.01	.01	.01	.03	.06	.06	.06	.04	.02	.02	.02	.01		.01	.01	.01	.03	.04	.06	.04	.03	.04	.027	23	.07
3	.03	.03	.02	.04	.05	.09	.18	.19	.16	.06	.02	.01	.01	.01		.01	.01	.01	.01	.02	.03	.03	.00	.00	.044	23	.21
4	.00	.00	.00	.00	.00	.01	.03	.03	.02	.01	.01	.01	.01	.01			.01	.01	.01	.01	.04	.07	.19	.21	.031	22	.25
5	.23	.21	.19	.14	.13	.14	.15	.15	.06	.02		.01	.00	.00		.01	.01	.01	.01	.01	.01	.01	.00	.00	.068	22	.24
6	.00	.00	.00	.00	.00	.01	.04	.05	.03	.02	.01	.01	.01	.01		.01	.01	.01	.01	.01	.01	.01	.00	.00	.011	23	.05
7*	.00	.00	.00	.00	.00	.00	.01	.01	.00	.00		.00	.00	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.001	22	.01
8*	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.01	.00	.00	.00			.00	.00	.01	.01	.02	.03	.01	.01	.005	22	.04
9	.01	.01	.00	.00	.00	.01	.04	.06	.04	.02	.03	.02	.02	.02			.03	.02	.02	.02	.01	.01	.01	.01	.019	22	.07
10	.01	.00	.00	.00	.00	.02	.05	.05	.03	.02	.01	.01	.01	.01		.01	.02	.01	.01	.02	.03	.05	.06	.05	.020	23	.07
11	.04	.04	.03	.06	.09	.19	.30	.11	.06	.03	.01	.01	.01	.01			.01	.00	.01	.01	.00	.00	.00	.00	.046	22	.36
12	.00	.00	.00	.00	.00	.00	.02	.03	.03	.03	.01	.01				.01	.03	.02	.01	.01	.02	.02	.02	.02	.014	21	.04
13	.01	.01	.01	.00	.01	.03	.09	.09	.05	.02	.01	.01	.01	.01		.01	.01	.01	.01	.01	.01	.01	.01	.01	.019	23	.11
14*	.01	.01	.02	.01	.01	.01	.02	.03	.04	.04	.04	.04	.04	.03		.01	.01	.01	.01	.06	.04	.05	.06	.07	.029	23	.08
15*	.11	.12	.15	.17	.09	.06	.08	.04	.02	.01	.00	.00	.00	.00		.00	.00	.00	.00	.01	.02	.05	.00	.00	.041	23	.18
16	.00	.00	.00	.01	.01	.04	.09	.06	.03	.01	.01	.00	.01	.01		.00	.00	.01	.01	.01	.01	.01	.01	.01	.015	23	.10
17	.01	.00	.00	.00	.00	.02	.04	.05	.03	.02	.01	.01	.01	.01		.00	.01	.01	.01	.01	.01	.00	.00	.00	.011	23	.05
18	.00	.00	.00	.00	.00	.00	.03	.03	.02	.02	.01	.00	.00	.01		.00	.00	.00	.00	.00	.00	.00	.00	.00	.006	23	.04
19	.00	.00	.00	.00	.00	.00	.02	.06	.06	.02	.01	.01	.00	.01		.01	.01	.01	.01	.01	.03	.02	.04	.05	.018	23	.08
20	.04	.05	.05	.02	.01	.02	.06	.05	.05	.02	.01	.00	.00	.00		.00	.00	.00	.00	.00	.00	.01	.01	.01	.018	23	.08
21*	.01	.01	.01	.05	.08	.10	.11	.08	.04	.01	.00	.00	.00	.00		.00	.00	.00	.00	.00	.00	.00	.01	.01	.021	23	.15
22*	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		.00	.00	.00	.00	.01	.03	.08	.13	.17	.018	23	.19
23	.22	.31	.26	.15	.18	.27	.28	.22	.09	.04	.01	.00	.00	.01		.00	.00	.00	.00	.00	.00	.00	.00	.00	.089	23	.33
24	.00	.00	.00	.00	.00	.02	.06	.07	.02	.01	.01	.00		.01		.01	.01	.01	.00	.01	.00	.00	.00	.00	.009	22	.08
25	.00	.00	.00	.00	.01	.02	.03	.04	.03	.02	.01	.01	.01	.01		.01	.01	.01	.01	.01	.01	.01	.01	.02	.012	23	.04
26	.01	.01	.01	.01	.01	.02	.04	.05	.04	.04	.02	.01	.01			.01	.01	.00	.00	.01	.01	.01	.02	.01	.016	22	.07
27	.00	.00	.00	.00	.00	.02	.04	.06	.04	.04	.07	.06	.03	.02		.01	.03	.01	.01	.01	.02	.02	.02	.03	.024	23	.11
28*	.03	.05	.03	.02	.02	.03	.03	.05	.04	.03	.03	.02	.01	.01		.02	.01	.01	.01	.01	.01	.01	.01	.01	.021	23	.05
29*	.01	.02	.01	.00	.00	.01	.01	.01	.01	.01	.01	.00	.00	.00		.00	.00	.00	.01	.01	.02	.01	.01	.01	.007	23	.02
30	.01	.01	.00	.00	.00	.01	.01	.01	.01	.01	.01	.00	.01	.01		.01	.01	.01	.01	.01	.01	.01	.01	.01	.007	23	.02
31	.01	.01	.01	.00	.01	.02	.05	.10	.09	.07	.04	.02	.01	.01		.01	.01	.01	.01	.01	.01	.01	.01	.01	.023	23	.12
MEAN	.03	.03	.03	.02	.03	.04	.07	.06	.04	.02	.02	.01	.01	.01		.01	.01	.01	.01	.01	.02	.02	.02	.03	.023		
NO	31	30	31	31	31	31	31	31	31	31	29	31	29	29		27	31	31	31	31	31	31	31	31		702	
MAX	.23	.31	.26	.17	.18	.27	.30	.22	.16	.07	.07	.06	.04	.03		.02	.03	.02	.03	.06	.06	.08	.19	.21	.089		.36

* Indicates Saturday or Sunday
Local standard time used

TABULATED THU., MAY 4, 1967

CONTINUOUS AIR MONITORING PROGRAM

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

WASHINGTON, D.C.

CONCENTRATION IN PPM

COLORIMETRIC ANALYSIS

NITRIC OXIDE
JUNE 1966

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS	5 MIN MAX
1	.00	.00	.00	.00	.00	.02	.05	.05	.02	.01	.01	.01	.01	.01		.01	.01	.01	.01	.01	.04	.06	.10	.07	.022	23	.11
2	.06	.04	.02	.01	.01	.02	.05	.05	.03	.01	.01	.01	.01	.01		.01	.01	.01	.01	.01	.05	.06	.04	.05	.024	23	.08
3	.02	.02	.02	.01	.01	.02	.06	.06	.03	.01	.01	.01	.00	.01		.00	.01	.01	.01	.02	.02	.02	.02	.01	.017	23	.07
4*	.01	.01	.01	.01	.01	.01	.03	.03	.02	.02	.01	.01	.01	.01		.01	.00	.01	.01	.01	.01	.01	.01	.01	.011	23	.04
5*	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01		.01	.01	.01	.01	.01	.01	.01	.01	.01	.009	23	.01
6	.01	.00	.00	.00	.00	.01	.03	.04	.02	.01	.02	.01	.01	.01		.01	.01	.01	.00	.01	.01	.01	.01	.01	.010	23	.05
7	.01	.01	.00	.00	.00	.02	.04	.04	.02	.01	.01	.00	.01	.01		.01	.01	.01	.01	.01	.02	.06	.09	.07	.020	23	.11
8	.05	.04	.04	.03	.03	.07	.11	.11	.08	.03	.03	.02	.01	.01	.01		.01	.01	.00	.01	.02	.02	.01	.01	.032	23	.13
9	.01	.01	.01	.01	.02	.03	.06	.08	.03	.10	.04	.02	.00				.00	.00	.01	.01	.02	.02	.01	.00	.022	21	.14
10	.00	.00	.00	.00	.00	.01	.02	.05	.03	.03	.02	.01	.01	.01		.01	.02	.01	.00	.01	.01	.01	.00	.00	.011	23	.05
11*	.00	.00	.00	.00	.00	.01	.01	.01	.01	.01	.00	.00	.00	.00			.00	.00	.00	.00	.00	.00	.00	.00	.002	22	.02
12*	.00	.01	.00	.00	.00	.00	.00	.01	.01	.01	.01	.01	.00	.00			.00	.00	.00	.00	.00	.00	.01	.00	.003	22	.01
13	.00	.00	.00	.00	.00	.00	.02	.03	.04	.02	.01	.01	.01	.00			.00	.00	.00	.00	.00	.01	.01	.01	.008	22	.05
14	.00	.00	.00	.00	.00	.01	.03	.03		.01	.01	.00	.01	.00		.03	.08	.06	.03	.01	.01	.01	.02	.01	.016	22	.12
15	.01	.01	.00	.00	.01	.05	.11	.09	.03	.01	.01	.01	.01	.01		.01	.01	.01	.01	.01	.02	.08	.19	.32	.044	23	.38
16	.36	.23	.17	.09	.05	.05	.07	.04	.02	.00	.00	.00	.00	.00			.01	.01	.01	.01	.02	.02	.02	.01	.053	22	.41
17	.01	.01	.00	.00	.00	.01	.02	.04	.04	.03	.02	.01	.01	.01			.00	.00	.00	.00	.01	.02	.03	.01	.012	22	.04
18*	.01	.02	.02	.01	.00	.01	.01	.01	.01	.00			.01	.00		.00	.00	.00	.00	.00	.01	.01	.02	.02	.007	21	.02
19*	.01	.00	.01	.00	.00	.02	.01	.01	.02	.00	.00	.00	.00	.00		.00	.00	.00	.00	.00	.00	.00	.00	.03	.005	23	.04
20	.03	.02	.01	.00	.00	.02	.04	.05	.02	.01	.01	.00	.00	.00		.00	.01	.00	.00	.00	.00	.01	.00	.01	.010	23	.06
21	.00	.00	.00	.00	.00	.02	.06	.10	.03	.01	.00	.00	.00	.00		.00	.00	.00	.00	.01	.02	.04	.16	.22	.029	23	.24
22	.18	.07	.03	.01	.01	.01	.03	.02	.01	.00	.00	.00	.00	.00		.00	.00	.00	.00	.00	.01	.00	.00	.01	.017	23	.22
23	.01	.00	.02	.00	.01	.01	.02	.03	.01	.01	.00		.01	.00		.00	.00	.00	.00	.00	.00	.01	.01	.01	.006	22	.04
24	.00	.01	.00	.00	.01	.02	.02	.02	.01	.00	.00	.00	.00	.00		.00	.00	.00	.00	.01	.01	.01	.01	.01	.005	23	.03
25*	.01	.00	.00	.00	.00	.01	.01	.01	.00	.00	.00	.00	.00	.00		.00	.00	.00	.00	.00	.01	.01	.01	.01	.003	23	.02
26*	.02	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.001	23	.02
27	.00	.00	.00	.00	.00	.00	.01	.02	.01	.01	.01	.00	.00	.00		.01	.01	.00	.00	.01	.00	.00	.00	.00	.004	23	.03
28	.00	.00	.00	.00	.00	.01	.02	.03	.01	.01	.01	.01	.00	.00		.00	.01	.01	.01	.01	.00	.00	.01	.00	.006	23	.04
29	.00	.00	.00	.00	.00	.00	.03	.03	.02	.00	.00	.01	.00	.00		.00	.00	.00	.01	.01	.01	.02	.02	.02	.008	23	.05
30	.00	.00	.00	.01	.00	.01	.03	.04								.01	.00	.00	.00	.00	.00	.01	.03	.02	.009	17	.04
MEAN	.03	.02	.01	.01	.01	.02	.03	.04	.02	.01	.01	.01	.00	.00		.01	.01	.01	.00	.01	.01	.02	.03	.03	.014		
NO	30	30	30	30	30	30	30	30	28	29	28	27	29	28	1	23	30	30	30	30	30	30	30	30		673	
MAX	.36	.23	.17	.09	.05	.07	.11	.11	.08	.10	.04	.02	.01	.01	.01	.03	.08	.06	.03	.02	.05	.08	.19	.32	.053		.41

* Indicates Saturday or Sunday
Local standard time used

TABULATED THU., MAY 4, 1967

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONCENTRATION IN PPM
COLORIMETRIC ANALYSIS

WASHINGTON, D.C.

NITRIC OXIDE
JULY 1966

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS.	5 MIN. MAX.
1	.00	.00	.00	.01	.03	.05	.03	.02	.01	.01	.01	.01	.01	.00		.00	.00	.00	.00	.00	.01	.01	.01	.01	.010	23	.07
2*	.02	.06	.02	.01	.01	.02	.03	.02	.01	.01	.00	.00	.00	.00		.00	.00	.00	.00	.00	.01	.01	.01	.01	.011	23	.08
3*	.01	.01	.01	.00	.01	.01	.01	.01	.01	.01	.01	.00	.01	.00		.00	.00	.00	.00	.00	.00	.01	.01	.01	.005	23	.01
4	.01	.00	.00	.00	.01	.01	.01	.01	.01	.00	.00	.00	.00	.00		.00	.00	.00	.00	.00	.01	.02	.01	.01	.005	23	.02
5	.00	.00	.00	.00	.00	.01	.01	.01	.01	.01	.01	.01	.00	.01		.01	.01	.01	.01	.01	.01	.01	.02	.02	.008	23	.04
6	.05	.05	.04	.06	.04	.06	.08	.09	.05	.01	.00	.00	.00	.00		.00	.00	.01	.01	.02	.02	.01	.02	.03	.027	23	.10
7	.01	.01	.00	.00	.01	.01	.06	.06	.01	.01	.01	.01	.00	.00		.00	.01	.00	.00	.00	.00	.00	.00	.01	.009	23	.08
8	.01	.00	.00	.00	.00	.00	.01	.03	.01	.00	.00	.00	.00	.00		.01	.01	.00	.00	.00	.01	.01	.01	.01	.005	23	.04
9*	.01	.01	.00	.00	.00	.01	.02	.02	.00	.00	.00	.00	.00	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.003	23	.03
10*	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		.00	.00	.00	.00	.00	.00	.01	.01	.01	.001	23	.01
11	.01	.00	.00	.00	.00	.00	.01	.01	.01	.00	.00	.00				.01	.01	.01	.01	.03	.02	.03	.04	.02	.010	21	.06
12	.01	.01	.01	.00	.00	.02	.04				.00	.00	.00	.00		.00	.01	.00	.00	.01	.01	.02	.02	.01	.008	20	.06
13	.00	.00	.00	.00	.00	.02	.05	.02	.01	.00	.00	.00	.00	.00		.00	.00	.00	.00	.01	.01	.01	.01	.01	.005	23	.06
14	.01	.01	.00	.00	.00	.00	.01	.02	.01	.00	.00	.00	.00	.00		.00	.01	.00	.00	.00	.00	.01	.00	.00	.004	23	.02
15	.00	.00	.00	.00	.00	.01	.04	.04	.05	.03	.02	.02					.01	.00	.00	.00	.02	.05	.06	.05	.020	20	.08
16*	.05	.02	.01	.01	.01	.01	.01	.01	.02	.02	.01	.01	.01	.01		.00	.00	.00	.00	.00	.01	.01	.01	.01	.010	23	.07
17*	.00	.00	.00	.00	.00	.01	.01	.01	.01	.01	.01	.00	.01	.01		.00	.00	.00	.01	.01	.01	.01	.01	.01	.005	23	.01
18	.00	.00	.00	.00	.00	.00	.02	.05	.03	.01	.01	.01	.00	.00		.01	.01	.01	.01	.01	.01	.00	.00	.00	.008	23	.06
19	.00	.00	.00	.00	.00	.01	.03	.02	.01	.01	.01	.01	.01	.00		.01	.01	.01	.01	.01	.01	.01	.01	.01	.009	23	.03
20	.00	.00	.00	.00	.00	.01	.02	.03	.01	.01	.01	.01	.01	.01		.01	.01	.01	.01	.01	.01	.01	.01	.01	.009	23	.03
21	.01	.00	.00	.00	.00	.01	.05	.06	.02	.00	.00	.00	.00	.00			.00	.00	.00	.00	.00	.01	.00	.00	.007	22	.07
22	.00	.00	.00	.00	.00	.00	.02	.03	.02	.01	.00	.00	.00	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.004	23	.05
23*	.00	.00	.00	.00	.00	.00	.01	.01	.01	.00	.00	.00	.00	.00		.00	.00	.00	.00	.00	.01	.02	.01	.01	.003	23	.02
24*	.00	.00	.00	.00	.00	.00	.01	.01	.01	.01	.00	.00	.00	.00			.00	.00	.00	.00	.01	.00	.01	.00	.002	22	.01
25	.00	.00	.00	.00	.00	.00	.03	.06	.04	.01	.03	.01	.00	.00		.01	.01	.01	.00	.00	.01	.01	.01	.00	.011	23	.08
26	.00	.00	.00	.00	.00	.02	.05	.05	.03	.01	.00	.00	.01	.01		.00	.01	.00	.00	.00	.00	.01	.01	.00	.009	23	.06
27	.00	.00	.00	.00	.00	.01	.04	.03	.01	.01	.00	.00	.00	.00		.00	.01	.00	.00	.00	.01	.01	.01	.02	.007	23	.05
28	.01	.01	.01	.01	.01	.01	.03	.04	.02			.00	.00	.01		.01	.02	.01	.01	.00	.00	.00	.00	.00	.009	21	.04
29	.00	.00	.00	.00	.00	.01	.04	.08	.04	.01	.00	.00	.00	.00		.01	.01	.01	.01	.01	.01	.01	.01	.01	.012	23	.09
30*	.01	.02	.01	.01	.01	.01	.01	.01	.02	.03	.03	.03	.03	.02			.02	.02	.02	.02	.02	.02	.06	.08	.024	22	.10
31*	.05	.04	.03	.02	.01	.01	.03	.03	.01	.01	.00	.00	.00	.00		.00	.00	.00	.00	.00	.00	.00	.01	.01	.011	23	.07
MEAN	.01	.01	.00	.00	.00	.01	.03	.03	.02	.01	.01	.00	.00	.00		.00	.01	.00	.00	.00	.01	.01	.01	.01	.009		
NO	31	31	31	31	31	31	31	30	30	29	30	31	29	29		27	31	31	31	31	31	31	31	31		700	
MAX	.05	.06	.04	.06	.04	.06	.08	.09	.05	.03	.03	.03	.03	.02		.01	.02	.02	.02	.03	.02	.05	.06	.08	.027		.10

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., MAR. 22, 1967

CONTINUOUS AIR MONITORING PROGRAM

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

WASHINGTON, D.C.

CONCENTRATION IN PPM
COLORIMETRIC ANALYSIS

NITRIC OXIDE
AUG. 1966

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS	5 MIN MAX
1	.01	.00	.00	.00	.00	.00		.02	.02	.01	.00	.00	.00	.00		.00	.01	.01	.01	.01	.00	.00	.00	.00	.005	22	.03
2	.00	.00	.00	.00	.00	.01	.02	.02	.01	.01	.01	.01	.00	.00		.01	.01	.01	.01	.01	.01	.01	.01	.01	.007	23	.02
3	.00	.00	.00	.00						.01	.01	.01	.00	.00		.00	.01	.00	.00	.00	.00	.01	.01	.01	.003	18	.01
4	.02	.01	.06	.06	.06	.07	.11	.12	.08	.02	.01	.00	.00			.00	.00	.00	.00	.01	.01	.00	.00		.030	21	.14
5																											
6*											.00	.01	.00	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.001	13	.01
7*	.00	.00	.00	.00	.00	.00	.04	.04	.02	.01	.00	.00	.00	.00			.00	.00	.00	.00	.00	.00	.00	.00	.005	22	.06
8	.00	.00	.00	.00		.01				.01	.00	.00	.00	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.001	19	.01
9	.00	.00	.00	.00	.00	.01	.04	.06	.08	.08	.03	.01	.01	.00		.01	.02	.02	.02	.01	.03	.03	.03	.02	.022	23	.13
10	.03	.02	.01	.00	.00			.03	.03		.00	.00	.00	.00		.01	.01	.00	.00	.00	.00	.00	.01	.01	.007	20	.04
11	.00	.00	.00	.00	.00								.01	.01		.01	.02	.03	.02	.02	.02	.02	.03	.02	.013	16	.04
12	.01	.01	.01	.01	.01	.02	.03	.03	.03		.01	.01	.01	.01		.01	.01	.01	.01	.02	.02	.03	.04	.03	.016	22	.05
13*	.03	.03	.02	.02	.01	.01	.03	.01	.01	.01	.00	.00	.00	.00		.00	.00	.00	.00	.01	.01	.01	.02	.03	.011	23	.04
14*	.01	.01	.01	.01	.01	.01	.00	.00	.01	.01	.01	.01	.01	.01			.01	.01	.01	.01	.01	.01	.00	.01	.008	22	.01
15	.01	.00	.00	.00	.01	.02	.05	.07	.08	.07	.04	.03	.02	.02		.00	.01	.01	.01	.01	.02	.02	.03	.02	.023	23	.08
16	.01	.02	.01	.01	.05	.08	.09	.06	.04	.01	.01	.00	.00	.01		.00	.01	.01	.00	.00	.01	.01	.00	.00	.018	23	.12
17	.01	.00	.00	.00	.00	.01	.02	.02	.01	.01	.01	.01	.01	.01		.01	.01	.01	.01	.01	.03	.04	.03	.02	.012	23	.05
18	.03	.03	.02	.03	.01	.03	.07	.07	.03	.02	.02	.01	.00	.01		.00	.01	.00	.01	.01	.02	.01	.01	.01	.019	23	.08
19	.01	.00	.00	.00	.01	.02	.03	.03	.01	.00	.00	.00	.00	.00		.00	.01	.01	.01	.01	.01	.02	.03	.02	.010	23	.04
20*	.01	.01	.01	.00	.00	.00	.01	.01	.01	.01	.01	.01	.01	.00		.00	.00	.00	.00	.01	.00	.01	.00	.01	.005	23	.02
21*	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.00	.00	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.001	23	.01
22	.00	.00	.00	.00	.00	.00	.01	.02	.01	.01	.00	.00	.00	.00		.01	.02	.01	.01	.01	.02	.01	.01	.00	.007	23	.04
23	.00	.00	.01	.00	.01	.02	.04	.08	.04	.01	.01	.01	.01	.01		.00	.00	.01	.00	.00	.00	.00	.00	.01	.011	23	.09
24	.00	.00	.00	.00	.00	.01	.03	.03	.01			.01	.01	.01		.01	.01	.01	.01	.02	.02	.02	.02	.02	.012	21	.04
25	.01	.01	.01	.01	.01	.03	.06	.06	.03	.01	.01	.01	.01	.01		.00	.01	.01	.01	.01	.03	.04	.05	.03	.020	23	.07
26	.01	.00	.00	.00	.00	.01	.04	.04	.02	.01	.01	.01	.01	.01		.01	.01	.01	.01	.01	.02	.01	.01	.02	.011	23	.06
27*	.02	.02	.02	.01	.01	.01	.02	.03	.01	.01	.01	.01	.01	.01		.00	.01	.01	.01	.01	.02	.03	.02	.02	.013	23	.04
28*	.02	.02	.01	.01	.01	.01	.02	.02	.01	.01	.01	.01	.01	.01		.00	.00	.01	.01	.01	.00	.02	.01	.02	.011	23	.03
29	.02	.02	.06	.12	.10	.07	.11	.07	.04	.03	.01	.01	.01	.00		.00	.00	.00	.00	.00	.01	.00	.01	.00	.030	23	.13
30	.00	.00	.00	.00	.00	.00	.03	.04	.02	.01	.00	.00				.00	.01	.01	.01	.01	.01	.01	.01	.01	.007	21	.04
31	.00	.00	.00	.00	.00	.01	.03	.06	.04	.01	.01	.01	.00	.00		.00	.01	.00	.01	.01	.04	.06	.02	.01	.014	23	.09
MEAN	.01	.01	.01	.01	.01	.02	.04	.04	.03	.02	.01	.01	.01	.00		.00	.01	.01	.01	.01	.01	.01	.01	.01	.012		
NO	29	29	29	29	27	26	24	26	26	25	28	29	29	28		28	30	30	30	30	30	30	30	29		651	
MAX	.03	.03	.06	.12	.10	.08	.11	.12	.08	.08	.04	.03	.02	.02		.01	.02	.03	.02	.02	.04	.06	.05	.03	.030		.14

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., MAR. 22, 1967

CONTINUOUS AIR MONITORING PROGRAM

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

WASHINGTON, D.C.

CONCENTRATION IN PPM

COLORIMETRIC ANALYSIS

NITRIC OXIDE
SEPT. 1966

DAY OF MONTH	AM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	PM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5 MIN MAX
1	.01		.03	.06	.03	.02	.05	.03	.02	.01	.00	.00	.00	.00		.00	.00	.01	.01	.00	.01	.01	.02	.04	.016	22	.08
2	.01	.01	.00	.00	.00	.01	.02		.02	.02	.01	.00	.01	.01		.00	.02	.02	.02	.05	.05	.03	.02	.02	.015	22	.07
3*	.02	.01	.01	.00	.00	.01	.01	.00	.00	.01	.01	.01	.01	.01			.01	.01	.01	.01	.01	.01	.01	.01	.009	22	.02
4*	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.00	.00	.00	.01			.00	.00	.01	.04	.08	.06	.04	.03	.016	22	.08
5	.03	.01	.01	.01	.00	.01	.02	.03	.01	.00	.00	.00	.00	.00		.00	.00	.00	.00	.00	.00	.00	.00	.01	.006	23	.03
6	.00	.00	.00	.00	.00	.03	.07	.10	.09	.03	.01	.01	.00	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.015	23	.12
7	.00	.00	.00	.00	.00	.01	.05	.05	.04	.01	.00	.00	.00	.00		.00	.00	.01	.01	.01	.01	.00	.00	.00	.009	23	.05
8	.01	.00	.00	.00	.00	.01	.03	.05	.02	.02	.02	.01	.01	.01			.02	.02	.02	.02	.01	.03	.05	.07	.019	22	.08
9	.05	.03	.00	.00	.00	.01	.04	.07	.04	.01	.00	.00				.00	.01	.01	.01	.04	.10	.21	.17	.07	.041	21	.24
10*	.02	.01	.01	.00	.00	.00	.02	.02	.01	.00	.00	.00	.00	.00		.00	.00	.00	.01	.02	.04	.08	.09	.04	.016	23	.11
11*	.04	.04	.04	.02	.00	.00	.00	.01	.00	.00	.00	.00	.00	.00			.00	.00	.00	.00	.03	.08	.15	.04	.020	22	.20
12	.02	.01	.01	.00	.00	.02	.06	.05	.01	.01	.00	.00	.01	.00		.01	.01	.01	.00	.01	.00	.00	.00	.01	.011	23	.09
13	.00	.00	.00	.00	.01	.01	.02	.04	.03	.01	.01	.01	.00	.01		.01	.01	.01	.01	.01	.00	.00	.01	.00	.009	23	.05
14	.00	.00	.00	.00	.00	.00	.01	.02	.02	.01	.01	.01	.02	.01				.04	.02	.02	.02	.01	.01	.01	.011	21	.04
15	.01	.01	.00	.00	.00	.01					.01	.01	.01	.00		.00	.01	.01	.00	.00	.01	.00	.00	.00	.004	19	.01
16	.00	.00	.00	.00	.00			.06	.04	.01	.00	.00	.00	.00		.00	.01	.01				.28	.31	.37	.061	18	.40
17*	.38	.33	.34	.15	.10	.11	.15	.16	.12	.06	.02	.01	.00	.00			.00	.00	.00	.01	.02	.02	.06	.15	.099	22	.40
18*																											
19		.00	.00	.00	.00	.00	.01		.05	.01	.01	.00	.00	.00		.00	.01	.01	.01	.00	.01	.01	.01	.00	.006	21	.07
20	.00	.00	.00	.00	.00	.00	.00	.01	.01	.01	.01	.00	.00	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.002	23	.01
21	.00	.00	.00	.00	.00	.00	.00	.01	.03	.03	.02	.02	.02	.03											.011	14	.03
22																											
23								.04	.02	.01	.00	.00	.00	.00		.02	.02	.01	.00	.02	.02	.01	.01	.01	.011	16	.05
24*	.01	.00	.00	.00	.00	.01	.01	.01	.01	.00	.01	.00	.00	.00		.00	.00	.00	.02	.06	.13	.19	.17	.15	.033	23	.23
25*	.15	.09	.07	.04	.03	.03	.02	.03	.03	.03	.03	.02	.02	.02			.02	.04	.06	.07	.04	.03	.02	.02	.041	22	.17
26	.01	.01	.01	.00	.00	.02	.05	.07	.05	.04	.05	.05	.04	.03			.02	.04	.06	.05	.04	.04	.03	.04	.034	22	.08
27	.03	.03	.01	.04	.07	.11	.12	.13	.09	.05	.04	.03	.03	.04		.04	.05	.04	.04	.05	.07	.08	.08	.07	.058	23	.15
28	.07	.07	.07	.07	.07	.08	.10	.15	.14	.11	.09	.09	.05	.04		.04	.06	.06	.05	.06	.06	.05	.03	.03	.070	23	.16
29	.03	.02	.02	.02	.02	.02	.04					.05	.04	.03		.02	.03	.04	.03	.04	.04	.04	.04	.03	.031	19	.05
30	.03	.02	.02	.02	.02	.07	.14	.18		.02	.01	.01	.01	.01		.01	.03	.02	.03	.05	.05	.06	.06	.06	.041	22	.21
MEAN	.04	.03	.02	.02	.01	.02	.04	.05	.04	.02	.01	.01	.01	.01		.01	.01	.01	.02	.02	.03	.05	.05	.05	.026		
NO	26	26	27	27	27	26	25	24	25	26	27	28	27	27		19	26	27	26	26	26	27	27	27		599	
MAX	.38	.33	.34	.15	.10	.11	.15	.18	.14	.11	.09	.09	.05	.04		.04	.06	.06	.06	.07	.13	.28	.31	.37	.099		.40

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., MAR. 22, 1967

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CONTINUOUS AIR MONITORING PROGRAM

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

WASHINGTON, D.C.

CONCENTRATION IN PPM
COLORIMETRIC ANALYSIS

NITRIC OXIDE
OCT. 1966

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN MAX
1*	.04		.02	.01	.01	.01	.02	.02	.02	.03	.03	.04	.05	.04			.04	.03	.03	.03	.05	.05	.05	.05	.031	21	.11
2*	.04	.04	.03	.03	.03	.04	.06	.06	.03	.02	.02	.01	.01	.01		.00	.01	.01	.02	.08	.14	.09	.06	.09	.040	23	.15
3	.13	.23	.33	.32	.33	.36	.40	.25	.18	.09	.03							.01	.02	.02	.01	.01	.02	.02	.152	18	.44
4	.02	.01	.01	.01	.02					.05	.03					.01	.03	.03	.03	.03	.03	.03	.04	.03	.024	16	.07
5	.03	.03	.02	.02	.03	.02	.02	.04	.06	.04	.02	.02	.01	.01			.03	.01	.01	.03	.02	.02	.02	.02	.023	22	.08
6																											
7																											
8*																											
9*																											
10																											
11																											
12																											
13																											
14																											
15*																											
16*																											
17																											
18	.03	.02	.02	.02	.05	.11	.21	.26	.14	.07	.02	.03	.03	.02		.04	.04	.06	.07	.05	.07	.05	.04	.04	.063	23	.31
19	.02	.02	.02	.02	.02	.04	.07	.09	.10	.09	.11	.08	.06	.06			.07	.07	.05	.04	.04	.03	.03	.01	.052	22	.12
20	.01	.01	.01	.01	.01	.01	.02	.04			.02	.02	.02	.01		.02	.02	.03	.05	.07	.12	.10	.11	.10	.038	21	.14
21	.08	.10	.08	.10	.14	.11	.22	.24	.21	.16	.09	.03	.01	.01		.02	.04	.04	.05	.04	.06	.05	.04	.03	.084	23	.35
22*	.03	.03	.04	.02	.02	.02	.03	.03	.04	.02	.02	.02	.01	.01		.01	.01	.02	.04	.02	.02	.02	.03	.03	.024	23.	.05
23*	.01	.01	.01	.01	.01	.01	.01	.01	.01	.02	.03	.03	.02	.01		.01	.01	.03	.05	.06	.12	.17	.19	.18	.044	23	.22
24	.10	.08	.04	.02	.03	.03	.07	.11	.10	.05	.04	.03	.02	.02		.04	.04	.08	.10	.08	.06	.05	.03	.03	.053	23	.13
25	.02	.01	.01					.16	.18	.11	.08	.07	.07	.07		.07	.10	.10	.08	.06	.06	.05	.06	.05	.074	19	.24
26	.04	.02	.02	.03	.03	.06	.10	.18	.14	.10	.05	.02	.01	.01		.01	.01	.04	.15	.26	.30	.45	.41	.50	.126	23	.58
27	.40	.29	.25	.16	.22	.19	.15	.18	.11	.08	.06	.03	.02	.01		.01	.01	.03	.04	.05	.20	.36	.41	.45	.161	23	.47
28	.42	.39	.29	.27	.27	.17	.21	.21	.15	.10	.07	.06	.02	.01		.01	.02	.08	.18	.39	.58	.60	.40	.38	.229	23	.74
29*	.23	.24	.28	.23	.14	.16	.20	.21	.19	.16	.07	.02	.01	.01		.01	.01	.01	.02	.02	.02	.01	.01	.01	.097	23	.29
30*	.01	.01	.01	.01	.01	.01	.01	.02	.01	.02	.01	.01	.01	.01		.01	.01	.02	.05	.06	.17	.22	.20	.09	.043	23	.30
31	.09	.08	.06	.06	.05	.05	.08	.14	.11	.06	.04	.02	.01	.01		.01	.02	.06	.07	.04	.05	.04	.02	.04	.051	23	.15
MEAN	.09	.09	.08	.07	.08	.08	.11	.12	.10	.07	.04	.03	.02	.02		.03	.04	.06	.08	.11	.13	.11	.11	.075			
NO	19	18	19	18	18	17	17	18	17	18	19	17	17	17		15	18	19	19	19	19	19	19			615	
MAX	.42	.39	.33	.32	.33	.36	.40	.26	.21	.16	.11	.08	.07	.07		.07	.10	.10	.18	.39	.58	.60	.41	.50	.229		.74

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., MAR. 22, 1967

CONTINUOUS AIR MONITORING PROGRAM

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

WASHINGTON, D.C.

CONCENTRATION IN PPM
COLORIMETRIC ANALYSIS

NITRIC OXIDE
NOV. 1966

DAY OF MONTH	A M												P M												DAILY MEAN	NO OF HRS	5 MIN MAX
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12			
1	.03	.02	.01	.01	.01	.01	.03	.07	.07	.05	.05	.03	.02	.01		.01	.01	.03	.03	.04	.06	.10	.15	.09	.039	23	.16
2	.05	.04	.03	.02	.01	.01	.02	.03	.04	.03	.02	.03	.07	.03			.03	.03	.02	.01	.01	.01	.01	.02	.025	22	.10
3	.01	.01	.01	.01	.01	.01	.02	.05	.07	.05		.04	.04	.04		.02	.03	.04	.03	.03	.03	.03	.03	.02	.029	22	.09
4	.02	.00	.00	.00	.00	.01	.04	.09	.10	.04	.02	.02	.02	.02		.02	.04	.07	.10	.09	.10	.08	.10	.10	.047	23	.12
5*	.09	.05	.04	.04	.06	.06	.09	.10	.09	.07	.06	.03	.02	.01			.02	.02	.02	.02	.02	.02	.01	.02	.042	22	.11
6*	.02	.02	.01	.01	.01	.00	.00	.01	.01	.01	.01	.02	.01	.01			.02	.02	.05	.08	.08	.08	.07	.07	.028	22	.10
7	.08	.06	.06	.05	.09	.16	.21	.25	.23	.18	.10	.06	.03	.02		.03	.06	.10	.12	.10	.07	.05	.04	.04	.093	23	.28
8	.04	.02	.01	.01	.01	.01	.03	.06	.08	.05	.03	.03	.03	.02		.02	.07	.12	.05	.05	.03	.02	.02	.02	.036	23	.13
9	.02	.01	.01	.01	.00	.01	.02	.06	.07	.05	.02	.03	.02	.02		.03	.05	.07	.06	.03	.02	.02	.02	.01	.028	23	.08
10	.02	.01	.01	.01	.01	.01	.01	.05	.06	.07	.04	.02	.03	.02			.04	.07	.05	.03	.02	.02	.02	.01	.028	22	.09
11	.01	.01	.03	.07	.03	.01	.02	.05	.05	.03	.02	.02	.01	.01		.02	.03	.04	.07	.10	.12	.11	.07	.08	.043	23	.13
12*	.06	.06	.07	.07	.06	.05	.04	.05	.04	.06	.06	.05	.04	.04		.03	.03	.05	.07	.08	.08	.06	.05	.04	.052	23	.09
13*	.05	.05	.05	.05	.04	.03	.04	.04	.03	.02	.02	.02	.01	.02			.03	.06	.04	.05	.06	.07	.06	.06	.040	22	.08
14	.05	.03	.02	.02	.02	.03	.05	.12	.11	.09	.06	.07	.05	.03		.04	.08	.13	.17	.21	.19	.18	.15	.10	.086	23	.24
15	.09	.06	.05	.03	.02	.03	.05	.08	.09	.05		.01	.01	.01		.01	.03	.08	.10	.14	.13	.15	.19	.18	.072	22	.20
16	.21	.18	.15	.20	.25	.28	.31	.38	.29	.14	.06	.05	.03	.03		.03	.06	.10	.10	.10	.10	.07	.05	.03	.138	23	.41
17	.03	.02	.01	.01	.01	.01	.03	.10	.11	.09	.05	.04	.05	.04		.04	.07	.15	.19	.10	.09	.11	.08	.03	.063	23	.22
18	.02	.01	.00	.00	.00	.01	.04	.08	.09	.07	.07	.05	.08	.11			.18	.18	.12	.08	.19	.19	.18	.04	.080	22	.32
19*	.02	.01	.01	.00	.00	.00	.01	.01	.02	.02	.01	.01	.01	.01		.02	.02	.05	.06	.05	.04	.03	.03	.02	.019	23	.07
20*	.03	.03	.04	.03	.02	.01	.02	.03	.04	.02	.03	.02	.01	.02		.01	.02	.05	.07	.07	.11	.16	.15	.14	.048	23	.17
21	.14	.13	.11	.09	.09	.10	.10	.12	.13	.16	.13	.09	.06	.04		.03	.05	.09	.13	.18	.17	.14	.17	.20	.115	23	.22
22	.27	.35	.34	.21	.30	.26	.21	.31	.29	.23	.14	.06	.03	.02		.01	.03	.07	.07	.11	.15	.21	.40	.55	.200	23	.57
23	.53	.56	.53	.48	.52	.47	.42	.47	.70	.76	.29	.16	.11	.09		.07	.09	.22	.28	.37	.47	.59	.62	.61	.408	23	.84
24	.55	.45	.41	.34	.26	.22	.19	.14	.16	.12	.12	.08	.01	.01		.01	.02	.20	.46	.80	.93	1.02	.57	.41	.325	23	1.15
25	.37	.39	.38	.36	.29	.31	.28	.23	.23	.30	.22	.07	.05	.05			.10	.16	.15	.09	.12	.08	.07	.09	.199	22	.42
26*	.16	.15	.04	.03	.08	.12	.11	.14	.05	.03	.02	.01	.02	.01		.01	.03	.06	.08	.11	.14	.22	.20	.16	.085	23	.23
27*	.16	.18	.24	.23	.27	.25	.27	.20	.17	.11	.07	.04	.03	.02			.01	.01	.01	.02	.02	.01	.01	.01	.105	22	.29
28	.00	.00	.00	.00	.00	.00	.00	.02	.05	.05	.03	.04	.03	.02		.01	.02	.04	.03	.02	.02	.02	.01	.01	.018	23	.06
29	.01	.01	.01	.01	.01	.01	.01	.04	.06	.05	.04	.04	.03	.03											.026	14	.06
30																											
MEAN	.11	.10	.09	.08	.08	.09	.09	.12	.12	.10	.07	.04	.03	.03		.02	.04	.08	.10	.11	.13	.14	.12	.11	.088		
NO	29	29	29	29	29	29	29	29	29	29	27	29	29	29		20	28	28	28	28	28	28	28	28		648	
MAX	.55	.56	.53	.48	.52	.47	.42	.47	.70	.76	.29	.16	.11	.11		.07	.18	.22	.46	.80	.93	1.02	.62	.61	.408		1.15

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., MAR. 22, 1967

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

WASHINGTON, D.C.

NITRIC OXIDE
DEC. 1966

CONCENTRATION IN PPM
COLORIMETRIC ANALYSIS

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS	MIN MAX
1	.02		.01	.01	.01	.02	.06	.14	.20	.15	.09	.05	.04	.03		.05	.07	.12	.11	.08	.06	.04	.05	.04	.065	22	.22
2	.03	.02	.01	.01	.02	.02	.02	.04	.05	.06	.04	.04	.04	.03		.03									.029	15	.07
3*																											
4*	.02	.01	.00	.00	.00	.00	.00	.00	.00	.01	.00	.00	.00	.00											.003	14	.02
5																											
6	.04	.03	.01	.02	.01	.01	.03	.09	.24	.21	.21	.28	.19	.19		.14	.14	.15	.14	.09	.08	.06	.08	.06	.107	23	.31
7	.04	.03	.02	.02	.02	.01	.02	.05	.13	.11	.06	.06	.05	.04		.11	.16	.23	.25	.25	.25	.12	.07	.02	.092	23	.28
8	.02	.01	.01	.01	.00	.00	.02	.04	.09	.08	.02	.01	.01	.02		.02	.04	.03	.05	.05	.05	.03	.03	.02	.028	23	.12
9	.02	.01	.01	.01	.01	.01	.02	.07		.05	.04	.03	.03	.01		.02	.04	.08	.07	.10	.06	.05	.05	.05	.037	22	.12
10*	.04	.03	.05	.04	.04	.03	.03	.03	.03	.03	.02	.02	.02	.02		.02	.02	.02	.01	.01	.02	.01	.01	.04	.025	23	.06
11*	.05	.02	.02	.03	.02	.01	.01	.02	.02	.02	.02	.03	.02	.02			.02	.02	.02	.02	.02	.03	.03	.02	.022	22	.06
12	.02	.01	.01	.01	.01	.02	.03	.07	.09	.06			.02	.02		.03	.05	.10	.10	.09	.08	.06	.07	.05	.047	21	.12
13																											
14																											
15																											
16											.15	.11	.11	.11		.08	.12	.27	.30	.16	.19	.14	.09	.09	.145	13	.37
17*																											
18*	.07	.06	.04	.04	.03	.03	.02	.06	.08	.04	.05	.06	.05	.05		.08	.10	.15	.16	.29	.12	.08	.06	.02	.076	23	.32
19	.02	.01	.02	.02	.02	.03	.05	.07	.09	.06	.04	.04	.03	.03		.04	.05	.08	.07	.09	.11	.10	.13	.13	.057	23	.17
20	.11	.07	.02	.01	.01	.02	.03	.08	.10	.09	.10	.14	.25	.19			.17	.22	.17	.10	.06	.05	.05	.05	.094	22	.28
21	.05	.04	.03	.04	.03	.05	.07	.11	.14			.07	.05	.04		.05	.07	.10	.13	.17	.11	.09	.08	.11	.077	21	.18
22	.13	.26	.33	.25	.16	.09	.14	.12	.19	.16	.12	.17	.10	.06											.163	14	.34
23									.11	.08	.05	.05	.04	.04		.04	.06	.06	.05	.04	.03	.04	.04	.05	.052	15	.11
24*	.05	.04	.03	.03	.02	.02	.03	.03	.02	.04	.04	.04	.04	.03			.03	.03	.02	.02	.03	.02	.01	.02	.029	22	.05
25*	.02	.01	.01	.01	.01	.01	.01	.01	.02	.02	.02	.02	.02	.02			.03	.04	.05	.03	.02	.02	.02	.01	.018	22	.07
26	.01	.01	.01	.01	.01	.01	.01	.02	.03	.02	.02	.01	.01	.01		.02	.02	.02	.03	.04	.05	.06	.06	.08	.024	23	.09
27	.05	.05	.05	.04	.04	.05	.04	.11	.14	.08	.05	.03	.04	.04		.05	.04	.06	.13	.13	.15	.18	.41	.61	.110	23	.62
28	.65	.70	.68	.59	.39	.27	.26	.19	.16	.17	.15	.12	.07	.07			.07	.09	.07	.05	.04	.04	.04	.03	.222	22	.72
29	.04	.04	.04	.04	.03	.05	.08	.08	.15	.16	.16	.14	.05	.03		.03	.04	.05	.04	.04	.04	.04	.03	.02	.061	23	.20
30	.02	.02	.02	.02	.01	.02	.05	.14	.18	.16	.06	.05	.04	.04		.04	.08	.11	.10	.13	.13	.12	.10	.09	.074	23	.21
31*	.10	.13	.23	.28	.28	.28	.33	.43	.41	.19	.08	.11	.07	.06			.03	.03	.04	.04	.05	.06	.06	.06	.151	22	.48
MEAN	.07	.07	.07	.07	.05	.05	.06	.09	.12	.09	.07	.07	.06	.05		.05	.06	.09	.09	.09	.08	.06	.07	.07	.072		
NO	23	22	23	23	23	23	23	23	23	23	23	24	25	25		17	22	22	22	22	22	22	22	22		519	
MAX	.65	.70	.68	.59	.39	.28	.33	.43	.41	.21	.21	.28	.25	.19		.14	.17	.27	.30	.29	.25	.18	.41	.61	.222		.72

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., MAR. 22, 1967

E 31

CONTINUOUS AIR MONITORING PROGRAM

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

WASHINGTON, D.C.

CONCENTRATION IN PPM
COLORIMETRIC ANALYSIS

NITRIC OXIDE
DEC. 1966

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS.	5 MIN. MAX.
1	.02		.01	.01	.01	.02	.06	.14	.20	.15	.09	.05	.04	.03		.05	.07	.12	.11	.08	.06	.04	.05	.04	.065	22	.22
2	.03	.02	.01	.01	.02	.02	.02	.04	.05	.06	.04	.04	.04	.03		.03									.029	15	.07
3*																											
4*	.02	.01	.00	.00	.00	.00	.00	.00	.00	.01	.00	.00	.00	.00											.003	14	.02
5																											
6	.04	.03	.01	.02	.01	.01	.03	.09	.24	.21	.21	.28	.19	.19		.14	.14	.15	.14	.09	.08	.06	.06	.06	.107	23	.31
7	.04	.03	.02	.02	.02	.01	.02	.05	.13	.11	.06	.06	.05	.04		.11	.16	.23	.25	.25	.25	.12	.07	.02	.092	23	.28
8	.02	.01	.01	.01	.00	.00	.02	.04	.09	.08	.02	.01	.01	.02		.02	.04	.03	.05	.05	.05	.03	.03	.02	.028	23	.12
9	.02	.01	.01	.01	.01	.01	.02	.07		.05	.04	.03	.03	.01		.02	.04	.08	.07	.10	.06	.05	.05	.05	.037	22	.12
10*	.04	.03	.05	.04	.04	.03	.03	.03	.03	.03	.02	.02	.02	.02		.02	.02	.02	.01	.01	.02	.01	.01	.04	.025	23	.06
11*	.05	.02	.02	.03	.02	.01	.01	.02	.02	.02	.02	.03	.02	.02			.02	.02	.02	.02	.02	.03	.03	.02	.022	22	.06
12	.02	.01	.01	.01	.01	.02	.03	.07	.09	.06			.02	.02		.03	.05	.10	.10	.09	.08	.06	.07	.05	.047	21	.12
13																											
14																											
15																											
16																											
17*											.15	.11	.11	.11		.08	.12	.27	.30	.16	.19	.14	.09	.09	.145	13	.37
18*	.07	.06	.04	.04	.03	.03	.02	.06	.08	.04	.05	.06	.05	.05		.08	.10	.15	.16	.29	.12	.08	.06	.02	.076	23	.32
19	.02	.01	.02	.02	.02	.03	.05	.07	.09	.06	.04	.04	.03	.03		.04	.05	.08	.07	.09	.11	.10	.13	.13	.057	23	.17
20	.11	.07	.02	.01	.01	.02	.03	.08	.10	.09	.10	.14	.25	.19			.17	.22	.17	.10	.06	.05	.05	.05	.094	22	.28
21	.05	.04	.03	.04	.03	.05	.07	.11	.14			.07	.05	.04		.05	.07	.10	.13	.17	.11	.09	.08	.11	.077	21	.18
22	.13	.26	.33	.25	.16	.09	.14	.12	.19	.16	.12	.17	.10	.06											.163	14	.34
23									.11	.08	.05	.05	.04	.04		.04	.06	.06	.05	.04	.03	.04	.04	.05	.052	15	.11
24*	.05	.04	.03	.03	.02	.02	.03	.03	.02	.04	.04	.04	.04	.03			.03	.03	.02	.02	.03	.02	.01	.02	.029	22	.05
25*	.02	.01	.01	.01	.01	.01	.01	.01	.02	.02	.02	.02	.02	.02			.03	.04	.05	.03	.02	.02	.02	.01	.018	22	.07
26	.01	.01	.01	.01	.01	.01	.01	.02	.03	.02	.02	.01	.01	.01		.02	.02	.02	.03	.04	.05	.06	.06	.08	.024	23	.09
27	.05	.05	.05	.04	.04	.05	.04	.11	.14	.08	.05	.03	.04	.04		.05	.04	.06	.13	.13	.15	.18	.41	.61	.110	23	.62
28	.65	.70	.68	.59	.39	.27	.26	.19	.16	.17	.15	.12	.07	.07			.07	.09	.07	.05	.04	.04	.04	.03	.222	22	.72
29	.04	.04	.04	.04	.03	.05	.08	.08	.15	.16	.16	.14	.05	.03		.03	.04	.05	.04	.04	.04	.04	.03	.02	.061	23	.20
30	.02	.02	.02	.02	.01	.02	.05	.14	.18	.16	.06	.05	.04	.04		.04	.08	.11	.10	.13	.13	.12	.10	.09	.074	23	.21
31*	.10	.13	.23	.28	.28	.28	.33	.43	.41	.19	.08	.11	.07	.06			.03	.03	.04	.04	.05	.06	.06	.06	.151	22	.48
MEAN	.07	.07	.07	.07	.05	.05	.06	.09	.12	.09	.07	.07	.06	.05		.05	.06	.09	.09	.09	.08	.06	.07	.07	.072		
NO	23	22	23	23	23	23	23	23	23	23	23	24	25	25		17	22	22	22	22	22	22	22	22		519	
MAX	.65	.70	.68	.59	.39	.28	.33	.43	.41	.21	.21	.28	.25	.19		.14	.17	.27	.30	.29	.25	.18	.41	.61	.222		.72

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., MAR. 22, 1967

F 31

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONCENTRATION IN PPM
COLORIMETRIC ANALYSIS

WASHINGTON, D.C.

NITROGEN DIOXIDE
FEB. 1966

DAY OF MONTH	AM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	PM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5 MIN MAX
1																											
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28																											
MEAN																									.000		.00
NO																											
MAX																											

TABULATED WED., MAR. 22, 1967

* Indicates Saturday or Sunday
Local standard time used

CONTINUOUS AIR MONITORING PROGRAM

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

WASHINGTON, D.C.

CONCENTRATIONS IN PPM

COLORIMETRIC ANALYSIS

NITROGEN DIOXIDE
MARCH 1966

DAY OF MONTH	AM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	PM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS	5 MIN MAX
1									.03	.04	.03	.03	.02	.02			.03	.06	.06	.05	.07	.07	.07	.05	.045	14	.09
2	.05	.05	.05	.03	.02	.02	.02	.03	.04	.06	.06	.05	.06			.04	.05	.06	.05	.05	.04	.04	.04	.04	.043	22	.07
3	.03	.03	.03	.03	.02	.03	.02	.02	.03	.03	.03	.03	.03	.03			.04	.04	.03	.06	.03	.02	.02	.02	.029	22	.10
4	.02	.01	.01	.01	.01	.01	.01	.01			.02	.03	.02	.02		.01	.02	.02	.02	.02	.02	.02	.01	.01	.016	21	.03
5*																											
6*	.01	.01	.01	.00	.00	.01	.01	.01	.01	.01	.01	.02	.01	.01		.02	.02	.02	.02	.02	.02	.02	.02	.02	.013	23	.03
7	.02	.01	.01	.01	.01	.01	.01	.01	.04	.03	.02	.02	.02	.02		.02	.02	.02	.02	.02	.01	.01	.01	.01	.016	23	.04
8	.01	.01	.01	.01	.01	.01	.01	.01	.00		.02	.02	.02	.02		.03	.04	.04	.04	.04	.04	.04	.04	.04	.023	22	.05
9	.04	.03	.03	.03	.03	.03	.03	.02	.03	.04	.03	.02	.02	.02		.04	.05	.05	.05	.04	.04	.04	.04	.03	.034	23	.05
10	.03	.03	.03	.02	.02	.02	.02	.02	.04	.05	.05	.06	.05	.04		.03	.05	.06	.07	.07	.06	.05	.05	.05	.041	23	.07
11	.04	.03	.03	.03	.03	.03	.02	.02								.04	.05	.06	.07	.06	.06	.05	.04	.03	.041	17	.07
12*	.03	.03	.03	.02	.02	.02	.02	.02	.02	.02	.04	.06	.06	.05		.05	.06	.06	.06	.07	.06	.05	.04	.03	.041	23	.07
13*	.03	.03	.03	.03	.03	.02	.02	.02	.02	.02	.03	.04	.06	.06		.03	.03	.03	.04	.04	.04	.04	.03	.03	.032	23	.06
14	.03	.02	.01	.02	.01	.01	.01	.02	.03	.03	.03	.03	.03	.04		.03	.04	.04	.03	.03	.03	.03	.03	.03	.026	23	.04
15	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02				.02		.05	.06	.06	.06	.05	.05	.04	.04	.05	.033	20	.06
16	.04	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03		.03	.04	.04	.04	.04	.05	.06	.05	.05	.035	23	.06
17	.05	.04	.03	.03	.03	.03	.03	.03	.04	.05	.04	.03	.03	.03			.04	.06	.06	.05	.04	.05	.04	.04	.039	22	.06
18	.04	.03	.03	.03	.03	.03	.03	.03	.05	.04	.04	.04	.04	.05		.03	.06	.07	.06	.06	.05	.05	.05	.05	.042	23	.07
19*	.04	.03	.04	.02	.02	.02	.02		.03	.03	.03	.05	.04	.03		.02	.03	.03	.03	.03	.04	.04	.03	.03	.030	22	.05
20*	.03	.04	.04	.03	.03	.03	.02	.02	.02	.02	.02	.02	.02	.02		.02	.02	.02	.03	.03	.03	.03	.03	.03	.024	23	.04
21	.02	.02	.02	.02	.02	.02	.02	.02	.03	.03	.04	.03	.03	.03		.03	.04	.05	.05	.04	.04	.03	.03	.03	.030	23	.05
22										.05	.04	.05	.05	.05		.04	.05	.08	.08	.07	.06	.07	.07	.05	.058	14	.09
23	.05	.04	.03	.04	.05	.04	.03	.03	.05	.05	.04	.04	.03	.03		.03	.04	.05	.04	.03	.03	.03	.03	.03	.037	23	.05
24	.03	.02	.02	.02	.02	.02	.02	.03	.05	.05	.05	.05	.04	.03		.02	.03	.03	.03	.03	.03	.03	.03	.03	.030	23	.06
25	.02	.02	.02	.01	.01	.01	.02	.02	.03	.03	.02	.03	.03	.03		.03	.04	.05	.04	.04	.04	.04	.04	.04	.028	23	.05
26*	.04	.04	.04	.04	.03	.04	.04	.03	.03	.03	.03	.03	.03	.03		.03	.03	.03	.03	.03	.03	.02	.02	.01	.030	23	.04
27*	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01		.01	.01	.01	.02	.02	.02	.02	.02	.02	.013	23	.02
28	.01	.01	.01	.01	.01	.01	.01	.01	.03	.03	.03	.03	.03	.03		.03	.04	.04	.04	.04	.04	.04	.03	.03	.025	23	.04
29	.03	.02	.03	.03	.03	.03	.03	.04	.04	.04	.04	.03	.03	.03		.04	.05	.06	.06	.06	.06	.06		.05	.040	22	.06
30	.05	.04	.04	.03	.02	.02	.02	.02	.05	.07	.05	.03	.03	.03		.03	.04	.05	.05	.04	.03	.03	.03	.04	.036	23	.07
31	.04	.03	.03	.03	.02	.02	.02	.02	.03	.04	.03	.03	.03	.03			.04	.04	.04	.04	.04	.04	.04	.03	.031	23	.05
MEAN	.03	.03	.02	.02	.02	.02	.02	.02	.03	.03	.03	.03	.03	.03		.03	.04	.04	.04	.04	.04	.04	.04	.03	.031		
NO	28	28	28	28	28	28	28	27	27	27	28	28	28	28		26	30	30	30	30	30	30	29	30		654	
MAX	.05	.05	.05	.04	.05	.04	.04	.04	.05	.07	.06	.06	.06	.06		.05	.06	.08	.08	.07	.07	.07	.07	.05	.058		.10

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., MAR. 22, 1967

CONTINUOUS AIR MONITORING PROGRAM

Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONCENTRATION IN PPM
COLORIMETRIC ANALYSIS

WASHINGTON, D.C.

NITROGEN DIOXIDE
APRIL 1966

DAY OF MONTH	AM 12:1	12	2:3	3:4	4:5	5:6	6:7	7:8	8:9	9:10	10:11	11:12	PM 12:1	12	2:3	3:4	4:5	5:6	6:7	7:8	8:9	9:10	10:11	11:12	DAILY MEAN	NO OF HRS	5 MIN MAX
1	.03		.03	.02	.02	.02	.02	.03	.03	.04	.04	.04	.05	.05		.06	.06	.06	.05	.05	.04	.03	.04	.04	.037	22	.07
2*	.03	.02	.01	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02			.03	.03	.03	.03	.03	.04	.03	.04	.024	22	.04
3*	.04	.04	.04	.04	.03	.03	.03	.03	.03	.03	.03	.03	.02	.02		.03	.03	.04	.03	.04	.04	.04	.04	.04	.033	23	.05
4	.04	.04	.03	.03	.03	.03	.03	.03	.04	.04	.04	.04	.04	.04			.03	.04	.03	.03	.03	.03	.03	.03	.034	22	.05
5	.03	.03	.03	.02	.02	.02	.03	.03	.03	.03	.02	.02	.03	.03		.03	.04	.05	.05	.05	.06	.05	.05	.04	.035	23	.06
6	.04	.04	.04	.03	.04	.04	.04	.04	.05	.04	.03	.03	.03	.03		.03	.04	.05	.05	.06	.05	.04	.04	.04	.039	23	.06
7	.05	.03	.03	.03	.03	.03	.03	.03	.03	.03			.04	.04		.04	.05	.05	.05	.04	.04	.04	.03	.04	.036	21	.05
8	.04	.03	.02	.02	.01	.02	.02	.03	.03	.03	.02	.02	.03	.03		.03	.03	.04	.04	.03	.03	.03	.03	.03	.027	23	.05
9*	.03	.02	.03	.03	.03	.03	.03	.03	.03	.02	.02	.03	.03	.03		.03	.03	.03	.04	.04	.04	.04	.03	.03	.030	23	.05
10*	.03	.02	.02	.01	.02	.02	.02	.02	.02	.02	.02	.02	.02	.03		.03	.03	.03	.05	.04	.05	.05	.05	.04	.028	23	.05
11	.04	.04	.03	.03	.02	.03	.04	.04	.04	.04	.04	.03	.03	.03		.05	.04	.05	.06	.07	.06	.06	.04	.04	.041	23	.07
12	.03	.03	.03	.03	.04	.04	.04	.04	.04	.04	.04	.04	.04	.05											.037	14	.07
13											.03	.05	.04	.04		.04	.05	.05	.05	.05	.04	.04	.04	.04	.041	13	.05
14	.03	.03	.03	.03	.03	.02	.03	.03	.04	.03	.03	.03	.03	.03			.05	.06	.06	.07	.07	.08	.08	.07	.042	22	.08
15	.07	.05	.05	.04	.05	.05	.05	.03	.06	.06	.04	.03	.03	.03		.03	.03	.04	.05	.06	.06	.06	.05	.05	.046	23	.07
16*	.05	.05	.04	.05	.04	.03	.04	.04	.04	.03	.03	.03	.03	.03		.03	.03	.04	.05	.07	.08	.08	.07	.06	.045	23	.08
17*	.06	.06	.06	.05	.04	.04	.03	.03	.02	.02	.02	.02	.01	.02		.01	.02	.02	.03	.04	.04	.04	.03	.03	.032	23	.07
18	.02	.02	.02	.01	.02	.03	.03	.03	.06	.06	.05	.06	.06	.06		.08	.08	.06	.06	.06	.07	.06	.06	.06	.048	23	.09
19	.06	.06	.06	.06	.06	.05	.05	.05	.07	.05	.05	.04	.04	.03		.04	.05	.05	.05	.04	.04	.04	.03	.03	.047	23	.07
20	.03	.03	.03	.03	.03	.03	.03	.04	.04	.05	.06	.07	.06	.05		.04	.05	.06	.07	.07	.07	.07	.06	.06	.048	23	.07
21	.05	.04	.04	.04	.03	.03	.03	.04	.05	.06		.05	.04	.03		.04	.06	.06	.06	.06	.06	.06	.06	.04	.046	22	.07
22	.04	.04	.03	.03	.03	.03	.04	.04	.04	.05	.04	.04	.05	.05		.04	.05	.05	.05	.05	.05	.05	.05	.05	.042	23	.06
23*	.05	.05	.04	.03	.03	.04	.04	.03	.03	.03	.03	.05	.05	.05		.04	.05	.05	.05	.05	.05	.05	.05	.05	.043	23	.06
24*	.05	.04	.03	.03	.03	.03	.04	.03	.03	.04	.04	.05	.06	.04		.04	.05	.06	.07	.06	.05	.06	.07	.06	.046	23	.08
25	.03	.02	.02	.02	.02	.03	.05	.05	.05	.05	.06	.05	.04	.02		.04	.04	.04	.04	.05	.06	.05	.04	.03	.039	23	.07
26	.03	.03	.04	.04	.04	.05	.05	.11	.11	.09	.04	.03	.03	.04		.05	.06	.05	.05	.06	.07	.07	.07	.07	.055	23	.13
27	.06	.06	.04	.04	.03	.03	.04	.04	.04	.04	.04	.04	.03	.03		.04	.04	.04	.05	.04	.04	.04	.04	.03	.040	23	.06
28	.03	.03	.03	.03	.02	.03	.05	.05	.05	.04	.03	.03	.04	.03		.04	.05	.04	.05	.04	.04	.04	.04	.04	.037	23	.06
29	.03	.03	.03	.03	.03	.03	.04	.04	.04	.03	.03	.04	.04	.05		.04	.05	.06	.05	.05	.04	.04	.04	.04	.038	23	.06
30*	.04	.04	.04	.04	.03	.04	.04	.04	.03	.03	.03	.03	.03	.04		.03	.04	.04	.04	.04	.04	.04	.03	.03	.035	23	.04
MEAN	.04	.04	.03	.03	.03	.03	.04	.04	.04	.04	.03	.04	.04	.04		.04	.04	.05	.05	.05	.05	.05	.05	.04	.039		
NO	29	28	29	29	29	29	29	29	29	29	28	29	30	30		26	29	29	29	29	29	29	29	29		664	
MAX	.07	.06	.06	.06	.06	.05	.05	.11	.11	.09	.06	.07	.06	.06		.08	.08	.06	.07	.07	.08	.08	.08	.07	.055		.13

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., MAR. 22, 1967

CONTINUOUS AIR MONITORING PROGRAM

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

WASHINGTON, D.C.

CONCENTRATION IN PPM
COLORIMETRIC ANALYSIS

NITROGEN DIOXIDE
MAY 1966

DAY OF MONTH	AM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	PM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5 MIN MAX
1*	.03		.02	.02	.02	.02	.02	.02	.04	.03	.03	.02	.02	.02		.02	.04	.04	.04	.05	.05	.05	.05	.04	.032	22	.05
2	.04	.04	.03	.03	.03	.04	.04	.05	.05	.04	.04	.04	.04	.03		.03	.04	.05	.06	.06	.06	.06	.05	.05	.042	23	.07
3	.05	.04	.04	.04	.04	.04	.04	.05	.07	.04	.02	.03	.03	.03		.04	.06	.05	.05	.06	.06	.05	.03	.03	.042	23	.08
4	.02	.02	.02	.02	.02	.03	.04	.03	.02	.01	.01	.02	.02	.02		.03	.04	.03	.03	.05	.06	.06	.06	.06	.031	23	.06
5	.06	.06	.05	.05	.05	.05	.05	.07	.06	.05		.05	.04	.04		.05	.06	.06	.05	.06	.06	.05	.03	.03	.051	22	.08
6	.03	.03	.02	.03	.02	.03	.06	.06	.05	.05	.04	.04	.02	.02		.04	.04	.04	.04	.04	.04	.04	.03	.03	.036	23	.06
7*	.03	.03	.02	.01	.01	.02	.03	.03	.02	.02	.02	.02	.02	.03		.02	.02	.02	.03	.03	.03	.03	.03	.02	.024	23	.04
8*	.02	.02	.02	.02	.02	.02	.02	.03	.03	.03	.03	.03	.03	.02			.04	.04	.04	.05	.07	.06	.05	.04	.033	22	.07
9	.04	.04	.04	.03	.02	.03	.04	.04	.04	.03	.03	.03	.02	.03			.04	.04	.04	.04	.03	.03	.02	.02	.032	22	.05
10	.02	.02	.02	.02	.02	.03	.04	.03	.03	.02	.02	.02	.02	.02			.04	.04	.04	.05	.06	.06	.06	.06	.033	22	.06
11	.05	.05	.05	.05	.05	.05	.07	.05	.06	.04	.02	.02	.03	.03			.04	.04	.05	.06	.05	.04	.04	.03	.044	22	.08
12	.02	.01	.01	.02	.02	.03	.05	.04	.04	.03	.02	.03					.05	.04	.04	.04	.05	.05	.05	.05	.033	20	.06
13	.04	.03	.03	.02	.04	.04	.04	.05	.06	.04	.02	.02	.02	.02		.03	.04	.04	.03	.04	.04	.04	.04	.04	.035	23	.07
14*	.03	.03	.04	.04	.03	.02	.03	.03	.03	.03	.03	.04	.04	.04			.04	.04	.05	.06	.06	.06	.06	.06	.040	22	.07
15*	.06	.07	.07	.06	.06	.05	.06	.06	.04	.02	.03	.02	.01	.02			.01	.02	.03	.06	.08	.08	.04	.04	.044	22	.09
16	.03	.04	.04	.05	.05	.06	.07	.07	.05	.03	.03	.02	.02	.03		.02	.03	.03	.04	.04	.04	.04	.04	.03	.038	23	.08
17	.03	.02	.02	.02	.02	.03	.04	.04	.04	.04	.05	.05	.04	.03		.03	.04	.03	.04	.04	.05	.04	.02	.03	.034	23	.06
18	.02	.02	.02	.02	.03	.03	.04	.04	.05	.04	.03	.02	.02	.03		.04	.05	.04	.03	.03	.03	.03	.03	.03	.029	23	.05
19	.02	.03	.02	.02	.02	.02	.04	.04	.04	.04	.04	.02	.02	.03		.03	.04	.04	.06	.08	.06	.07	.07	.07	.039	23	.08
20	.07	.06	.06	.05	.04	.05	.06	.06	.06	.05	.02	.02	.01	.02		.02	.03	.04	.04	.05	.06	.07	.07	.07	.047	23	.08
21*	.06	.05	.05	.06	.07	.07	.09	.14	.16	.05	.05	.03	.02	.02		.01	.02	.03	.03	.03	.03	.03	.04	.04	.050	23	.18
22*	.02	.01	.01	.01	.01	.01	.02	.02	.01	.01	.02	.02	.02	.02		.01	.01	.02	.02	.05	.06	.06	.06	.06	.024	23	.07
23	.06	.07	.06	.05	.05	.06	.08	.13	.18	.14	.05	.02	.01	.01		.03	.04	.03	.03	.03	.03	.03	.03	.04	.054	23	.19
24	.02	.02	.02	.03	.04	.05	.06	.09	.07	.03	.03	.03		.02		.02	.03	.03	.03	.03	.03	.03	.03	.03	.035	22	.10
25	.03	.02	.04	.03	.03	.03	.05	.05	.05	.05	.03	.03	.03	.03		.03	.04	.04	.04	.05	.05	.05	.04	.04	.038	23	.06
26	.04	.04	.03	.03	.02	.03	.03	.03	.03	.04	.05	.05	.04	.03		.04	.05	.04	.04	.04	.06	.04	.05	.04	.038	23	.06
27	.02	.02	.02	.02	.02	.02	.03	.03	.02	.02	.02	.03	.03	.02		.03	.04	.03	.03	.04	.03	.03	.03	.03	.026	23	.04
28*	.03	.03	.03	.03	.03	.03	.02	.02	.03	.03	.03	.03	.03	.02		.03	.02	.02	.02	.02	.03	.02	.03	.05	.027	23	.05
29*	.04	.04	.04	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02			.01	.01	.03	.04	.05	.04	.04	.03	.027	22	.06
30	.03	.02	.00	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01		.01	.01	.01	.01	.03	.06	.06	.05	.06	.019	23	.07
31	.06	.05	.03	.03	.04	.05	.06	.07	.07	.08	.07	.07	.06	.05		.03	.05	.03	.03	.04	.04	.04	.04	.03	.048	23	.08
MEAN	.04	.03	.03	.03	.03	.03	.04	.05	.05	.04	.03	.03	.03	.02		.03	.04	.03	.04	.04	.05	.05	.04	.04	.036		
NO	31	30	31	31	31	31	31	31	31	31	30	31	29	30		23	31	31	31	31	31	31	31	31		700	
MAX	.07	.07	.07	.06	.07	.07	.09	.14	.18	.14	.07	.07	.06	.05		.03	.06	.06	.06	.08	.08	.08	.07	.07	.054		.19

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., MAR. 22, 1967

CONTINUOUS AIR MONITORING PROGRAM

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

WASHINGTON, D.C.

NITROGEN DIOXIDE
JUNE 1966

CONCENTRATION IN PPM
COLORIMETRIC ANALYSIS

DAY OF MONTH	AM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	PM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS	5 MIN MAX
1	.03	.03	.02	.02	.02	.03	.03	.04	.04	.03	.03	.03	.07	.02			.03	.03	.03	.03	.05	.04	.04	.04	.030	22	.05
2	.04	.03	.03	.02	.02	.02	.03	.03	.03	.02	.01	.01	.01	.01			.03	.03	.02	.03	.06	.06	.06	.05	.029	22	.06
3	.05	.05	.05	.05	.03	.04	.05	.06	.06	.04	.03	.03	.03	.03		.04	.05	.05	.06	.07	.07	.06	.06	.05	.048	23	.08
4*	.05	.05	.05	.04	.04	.05	.06	.06	.06	.06	.05	.03	.02	.02		.03	.03	.03	.04	.05	.06	.06	.06	.06	.046	23	.07
5*	.06	.04	.03	.03	.03	.04	.04	.04	.03	.04	.04	.03	.03	.02			.02	.02	.03	.05	.05	.05	.05	.05	.037	22	.07
6	.03	.03	.03	.03	.02	.03	.04	.05	.05	.04	.06	.04	.03	.02		.04	.05	.03	.04	.04	.05	.05	.04	.04	.038	23	.07
7	.04	.03	.02	.02	.02	.03	.04	.05	.05	.05	.05	.03	.02	.03		.04	.05	.04	.05	.06	.06	.07	.07	.06	.042	23	.08
8	.06	.05	.05	.05	.04	.04	.04	.06	.09	.09	.05	.04	.02	.02		.04	.05	.05	.04	.05	.06	.06	.04	.04	.049	23	.10
9	.04	.04	.04	.04	.04	.04	.05	.07	.05	.06	.06	.06	.04	.04		.03	.04	.03	.04	.04	.04	.03	.02	.02	.041	23	.07
10	.02	.02	.02	.01	.01	.02	.02	.02	.02	.02	.02	.03										.04	.03	.03	.021	15	.05
11*	.03	.03	.02	.02	.02	.02	.03	.02	.02	.02	.02	.02	.02	.02		.02	.02	.02	.03	.03	.04	.03	.03	.04	.024	23	.04
12*	.04	.05	.04	.03	.03	.03	.02	.02	.02	.02	.02	.02	.02	.02			.02	.02	.03	.04	.05	.04	.04	.03	.029	22	.06
13	.03	.03	.02	.02	.02	.03	.03	.05	.04	.04	.04	.03	.02	.02			.02	.02	.03	.03	.04	.06	.05	.04	.031	22	.07
14	.03	.02	.02	.02	.03	.03	.05	.06	.06	.04	.04	.02	.02	.02		.05	.07	.07	.06	.04	.03	.04	.04	.03	.038	23	.08
15	.03	.03	.02	.02	.03	.03	.04	.06	.05	.03	.02	.02	.02	.03			.05	.04	.03	.04	.05	.05	.05	.06	.036	22	.07
16	.06	.05	.04	.03	.02	.02	.03	.03	.03	.02	.02	.02	.02	.03			.04	.04	.03	.03	.04	.03	.03	.03	.031	22	.06
17	.03	.02	.02	.02	.02	.02	.03	.03	.03	.03	.03	.03	.02	.04			.04	.05	.04	.04	.03	.04	.04	.03	.030	22	.06
18*	.03	.03	.03	.02	.02	.02	.02	.02	.02	.01	.03	.02	.02	.02			.03	.03	.04	.04	.05	.05	.05	.06	.029	22	.07
19*	.04	.04	.04	.03	.03	.05	.05	.05	.05	.02	.02	.01	.01	.01			.02	.01	.02	.02	.03	.05	.05	.06	.031	22	.06
20	.06	.05	.04	.03	.03	.05	.05	.06	.06	.05	.04	.02	.02	.02		.03	.05	.04	.03	.04	.03	.04	.03	.04	.039	23	.07
21	.04	.04	.03	.03	.03	.05	.07	.09	.10	.05	.03	.03	.02	.02		.03	.03	.04	.04	.08	.09	.10	.12	.11	.054	23	.12
22	.09	.07	.05	.04	.02	.03	.04	.04	.04	.03	.02	.01	.01	.01		.02	.03	.03	.03	.03	.05	.05	.06	.07	.037	23	.09
23	.05	.03	.06	.02	.04	.05	.06	.08	.06	.03	.02		.02	.01		.01	.02	.02	.02	.03	.06	.06	.06	.05	.038	22	.08
24	.04	.04	.04	.03	.03	.04	.05	.08	.08	.05	.03	.02	.02	.02		.03	.03	.03	.04	.05	.07	.06	.06	.05	.043	23	.09
25*	.05	.03	.02	.03	.04	.06	.06	.05	.04	.03	.02	.02	.01	.01		.01	.02	.02	.02	.03	.06	.06	.07	.07	.036	23	.08
26*	.07	.04	.02	.01	.01	.01	.01	.01	.01	.01	.02	.01	.01	.01		.01	.01	.01	.02	.03	.02	.03	.02	.02	.017	23	.07
27	.02	.01	.01	.01	.02	.03	.04	.06	.07	.04	.04	.03	.03	.03		.05	.05	.05	.04	.05	.04	.04	.04	.04	.035	23	.08
28	.04	.02	.02	.02	.02	.03	.04	.06	.06	.05	.04	.04	.04	.02		.04	.06	.08	.09	.09	.04	.04	.06	.04	.045	23	.10
29	.02	.03	.02	.02	.03	.04	.06	.06	.06	.03	.02	.02	.02	.02		.03	.04	.03	.03	.05	.09	.09	.08	.07	.042	23	.10
30	.05	.04	.03	.02	.02	.04	.06	.08	.05	.03	.02	.01	.02	.01		.02	.03	.03	.04	.05	.06	.08	.08	.07	.040	23	.09
MEAN	.04	.04	.03	.03	.03	.03	.04	.05	.05	.04	.03	.02	.02	.02		.03	.04	.03	.04	.04	.05	.05	.05	.05	.036		
NO	30	30	30	30	30	30	30	30	30	30	30	29	29	29		19	29	29	29	29	29	30	30	30		671	
MAX	.09	.07	.06	.05	.04	.06	.07	.09	.10	.09	.06	.06	.04	.04		.05	.07	.08	.09	.09	.09	.10	.12	.11	.054		.12

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TABULATED WED., MAR. 22, 1967

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONCENTRATION IN PPM
COLORIMETRIC ANALYSIS

WASHINGTON, D.C.

NITROGEN DIOXIDE
JULY 1966

DAY OF MONTH	AM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	PM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS	5 MIN MAX
1	.05	.04	.03	.05	.07	.07	.07	.08	.07	.05	.06	.04	.03	.03		.03	.04	.03	.03	.04	.05	.07	.08	.08	.051	23	.09
2*	.10	.10	.08	.06	.06	.06	.07	.06	.04	.04	.03	.02	.02	.02		.02	.02	.02	.04	.05	.06	.06	.04	.04	.047	23	.11
3*	.04	.04	.04	.04	.05	.04	.05	.04	.05	.04	.04	.04	.04	.02		.01	.02	.02	.03	.04	.04	.05	.05	.04	.036	23	.06
4	.04	.03	.03	.04	.04	.04	.04	.04	.05	.03	.02	.02	.04	.03		.02	.02	.02	.04	.05	.06	.07	.06	.05	.037	23	.08
5	.04	.04	.03	.02	.02	.03	.03	.04	.03	.04	.04	.03	.02	.04		.03	.04	.05	.04	.05	.06	.07	.06	.07	.039	23	.08
6	.07	.06	.05	.05	.05	.05	.06	.09	.08	.05	.03	.02	.02	.03		.03	.05	.05	.07	.08	.07	.06	.06	.06	.053	23	.10
7	.05	.04	.03	.04	.04	.04	.05	.06	.04	.04	.02	.02	.02			.02	.03	.03	.04	.05	.04	.04	.03	.06	.037	22	.06
8	.04	.03	.02	.02	.03	.04	.06	.06	.05	.04	.04	.03	.02	.02		.04	.04	.04	.03	.05	.05	.05	.06	.07	.039	23	.07
9*	.07	.06	.04	.04	.04	.04	.04	.04	.02	.02	.02	.01	.02	.01		.01	.02	.02	.02	.03	.05	.06	.05	.04	.033	23	.07
10*	.03	.02	.02	.02	.02	.01	.01	.01	.02	.02	.03	.02	.01	.01		.01	.01	.01	.02	.02	.03	.04	.03	.04	.021	23	.05
11	.03	.01	.01	.02	.01	.02	.04	.07	.05	.01	.00	.01	.00	.00	.00										.019	15	.09
12																											
13		.03	.03	.02	.03	.05	.05	.04	.03	.02	.02	.02	.01	.02		.02	.03	.02	.03	.05	.06	.06	.05	.05	.033	22	.07
14	.05	.04	.02	.02	.02	.03	.05	.06	.05	.04	.02	.02	.02	.02		.02	.03	.02	.02	.04	.05	.05	.04	.04	.033	23	.07
15	.03	.03	.02	.02	.02	.03	.03	.03	.04	.05	.05	.03				.02	.03	.02	.03	.05	.07	.08	.07	.07	.039	21	.08
16*	.06	.04	.03	.04	.03	.03	.03	.03	.03	.03	.04	.04	.04	.02		.02	.02	.03	.03	.03	.04	.05	.05	.04	.033	23	.06
17*	.03	.02	.02	.03	.03	.04	.03	.03	.02	.02	.02	.01	.01	.01		.01	.01	.01	.02	.03	.05	.04	.04	.03	.024	23	.05
18	.02	.02	.01	.01	.02	.04	.06	.06	.06	.05	.04	.05	.04	.03		.04	.05	.04	.05	.07	.07	.04	.03	.03	.038	23	.08
19	.02	.02	.03	.02	.02	.03	.05	.05	.05	.05	.05	.05	.04	.03		.04	.05	.04	.03	.03	.03	.04	.04	.03	.037	23	.06
20	.02	.02	.02	.01	.01	.02	.03	.02	.02	.02	.02	.02	.02	.01		.02	.03	.03	.02	.03	.05	.05	.04	.04	.024	23	.06
21	.03	.02	.01	.01	.02	.04	.04	.05	.03	.03	.02	.01	.02	.01		.02	.03	.02	.02	.03	.05	.06	.04	.05	.028	23	.07
22	.03	.02	.02	.02	.03	.04	.05	.05	.06	.05	.03	.03	.02	.02		.02	.04	.03	.03	.04	.04	.04	.03	.03	.032	23	.06
23*	.03	.04	.02	.02	.02	.04	.04	.05	.03	.03	.03	.02	.01	.01		.02	.02	.02	.02	.03	.04	.04	.03	.03	.027	23	.05
24*	.04	.03	.02	.02	.01	.02	.02	.02	.02	.02	.01	.01	.01	.01			.01	.02	.02	.03	.03	.03	.03	.02	.021	22	.05
25	.02	.02	.02	.01	.01	.02	.03	.04	.05	.05	.06	.04	.03	.03		.03	.04	.03	.03	.04	.03	.03	.03	.02	.031	23	.07
26	.02	.02	.01	.01	.02	.02	.03	.04	.06	.05	.04	.02	.02	.02		.04	.06	.04	.04	.05	.05	.06	.05	.05	.036	23	.07
27	.04	.04	.03	.03	.03	.05	.07	.08	.07	.06	.05	.02	.02	.03			.05	.04	.06	.04	.05	.04	.05	.04	.044	22	.08
28	.03	.03	.02	.02	.02	.02	.03	.03	.03				.04	.03		.05	.06	.06	.05	.05	.05	.05	.05	.06	.039	20	.06
29	.06	.04	.04	.02	.02	.03	.04	.05	.06	.04	.03	.03	.03	.03			.04	.04	.04	.04	.05	.05	.05	.04	.038	22	.07
30*	.04	.04	.04	.03	.02	.02	.03	.03	.03	.03	.04	.04	.04	.04		.04	.05	.05	.05	.05	.05	.05	.05	.05	.039	23	.05
31*	.04	.03	.03	.03	.03	.03	.04	.03	.03	.02	.02	.01	.01	.01		.01	.02	.02	.02	.03	.04	.08	.09	.07	.031	23	.09
MEAN	.04	.03	.03	.03	.03	.03	.04	.04	.04	.03	.03	.02	.02	.02		.02	.03	.03	.03	.04	.05	.05	.05	.04	.035		
NO	29	30	30	30	30	30	30	30	30	29	29	29	29	28	1	26	29	29	29	29	29	29	29	29		672	
MAX	.10	.10	.08	.06	.07	.07	.07	.09	.08	.06	.06	.05	.04	.04	.00	.05	.06	.06	.07	.08	.07	.08	.09	.08	.053		.11

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Local standard time used

TABULATED WED., MAR. 22, 1967

CONTINUOUS AIR MONITORING PROGRAM

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
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Robert A. Taft Sanitary Engineering Center
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CONCENTRATION IN PPM
COLORIMETRIC ANALYSIS

NITROGEN DIOXIDE
AUG. 1966

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS	5 MIN MAX
1	.04	.04	.03	.03	.03	.04	.05	.07	.06	.05	.04	.03	.03	.02		.04	.05	.04	.05	.05	.04	.03	.03	.03	.039	23	.07
2	.03	.03	.03	.03	.03	.04	.05	.05	.05	.05	.05	.05	.05	.04			.05	.05	.04	.05	.04	.05	.05	.03	.041	22	.06
3	.02	.01	.01	.01	.01	.02	.03	.03	.02	.02	.02	.02	.02	.01		.02	.02	.02	.03	.03	.04	.06	.06	.06	.025	23	.06
4	.07	.05	.07	.07	.06	.06	.07	.08	.09	.07	.04	.02	.02	.03			.04	.04	.04	.05	.04	.04	.05	.05	.052	22	.11
5	.04	.02	.02	.02	.02	.03	.05	.06	.06	.04	.03	.03	.02	.02			.04	.03	.04	.04	.08	.09	.09	.10	.044	22	.10
6*	.08	.07	.08	.07	.06	.06	.06	.09	.14	.15	.05	.08	.03	.02			.04	.03	.03						.066	17	.17
7*																											
8																											
9																											
10								.03	.05	.05	.03	.03	.04	.03		.04	.06	.03	.03	.04	.03	.04	.04	.03	.037	16	.08
11	.03	.02	.02	.01	.02	.02	.02	.03	.02	.03	.02	.02	.02	.02		.02	.04	.05	.04	.04	.03	.03	.03	.02	.025	23	.05
12	.02	.01	.01	.01	.02	.03	.03	.04	.04		.03	.02	.02	.02			.04	.04	.04	.06	.05	.05	.05	.05	.031	21	.06
13*	.05	.05	.04	.04	.03	.03	.04	.03			.02	.02	.02	.02		.03	.03	.03	.03	.05	.05	.05	.05	.05	.034	21	.06
14*	.04	.04	.05	.04	.03	.03	.02	.02	.03	.02	.02	.02	.02	.02			.02	.02	.03	.03	.03	.03	.03	.03	.028	22	.05
15	.03	.02	.02	.02			.03	.03	.04	.05	.06	.05	.04	.05			.04	.04	.04	.04	.05	.04	.04	.04	.038	20	.07
16	.03	.04	.03	.03	.03	.03	.02	.03	.04	.06	.05	.02	.02	.02		.05	.05	.03	.03	.04	.04	.03	.02	.03	.032	23	.06
17	.03	.02	.01	.01	.01	.03	.04	.04	.03	.02	.02	.02	.02	.02			.04	.04	.04	.05	.07	.07	.06	.06	.034	22	.07
18	.05	.05	.05	.04	.04	.04	.06	.10	.10	.11	.08	.04	.02				.03	.02	.03	.05	.07	.05	.04	.04	.052	21	.14
19	.04	.02	.02	.02	.03	.04	.04	.05	.06	.04	.03	.02	.01	.01			.03	.02	.04	.05	.06	.06	.06	.06	.037	22	.07
20*	.06	.04	.03	.02	.02	.02	.04	.04	.04	.03	.03	.03	.02	.02			.02	.02	.02	.03	.03	.03	.03	.03	.030	22	.08
21*	.03	.03	.02	.02	.01	.01	.01	.01	.02	.01	.02	.02	.01	.01		.02	.02	.01	.02	.03	.02	.03	.02	.02	.018	23	.03
22	.01	.01	.01	.01	.02	.06	.08	.04	.04	.04	.03	.02	.02	.02			.06	.05	.03	.04	.05	.04	.04	.03	.034	22	.12
23	.02	.02	.02	.02	.02	.03	.04	.05	.05	.03	.03	.03	.03	.04			.04	.04	.04	.05	.03	.03	.04	.04	.032	22	.06
24	.04	.02	.02	.02	.02	.03	.04	.04	.03			.03	.02	.02			.03	.03	.04	.06	.05	.05	.05	.05	.034	20	.06
25	.04	.04	.04	.03	.03	.04	.04	.05	.05	.05	.04	.03	.03	.02			.03	.04	.04	.05	.06	.07	.07	.06	.043	22	.07
26	.04	.03	.02	.02	.02	.03	.04	.05	.05	.04	.03	.03	.03	.02		.04	.04	.04	.05	.06	.05	.04	.04	.04	.036	23	.06
27*	.05	.04	.05	.04	.03	.03	.04	.04	.04	.03	.04	.02	.02	.02			.02	.03	.04	.06	.06	.06	.05	.06	.039	22	.07
28*	.06	.04	.03	.03	.03	.03	.05	.04	.04	.03	.02	.02	.02	.02			.02	.02	.04	.06	.07	.07	.06	.06	.037	22	.08
29	.06	.05	.06	.06	.07	.06	.06	.07	.10	.11	.12	.08	.05	.03		.03	.04	.05	.05	.05	.06	.04	.05	.05	.061	23	.14
30	.04	.03	.02	.02	.03	.04	.05	.06	.06	.06	.04	.04	.03	.04			.05	.05	.04	.06	.05	.04	.05	.04	.041	22	.07
31	.04	.02	.03	.03	.03	.03	.04	.05	.08	.05	.04	.03	.02	.02		.03	.04	.04	.08	.08	.09	.09	.08	.07	.048	23	.11
MEAN	.04	.03	.03	.03	.03	.03	.04	.05	.05	.05	.04	.03	.02	.02			.04	.03	.04	.05	.05	.05	.05	.04	.038		
NO.	27	27	27	27	26	26	27	28	27	25	27	28	28	27		10	28	28	28	27	27	27	27	27		606	
MAX	.08	.07	.08	.07	.07	.06	.08	.10	.14	.15	.12	.08	.05	.05		.05	.06	.05	.08	.08	.09	.09	.09	.10	.066		.17

* Indicates Saturday or Sunday
Local standard time used

TABULATED: WED., MAR. 22, 1967

CONTINUOUS AIR MONITORING PROGRAM

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

WASHINGTON, D.C.

CONCENTRATION IN PPM
COLORIMETRIC ANALYSIS

NITROGEN DIOXIDE
SEPT. 1966

DAY OF MONTH	AM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	PM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5 MIN MAX
1	.06		.06	.07	.06	.05	.05	.05	.05	.03	.04	.03	.02	.02		.03	.03	.04	.04	.05	.06	.08	.09	.11	.050	22	.11
2	.08	.05	.03	.03	.02	.04	.05	.05	.06	.05	.04	.04	.03	.02		.05	.09	.05	.07	.09	.09	.08	.06	.05	.053	23	.11
3*	.05	.05	.05	.04	.04	.04	.05	.05	.04	.04	.04	.02	.02	.02			.03	.04	.05	.06	.05	.04	.04	.04	.040	22	.07
4*	.03	.03	.03	.02	.02	.02	.03	.03	.03	.03	.03	.02	.03	.02			.03	.04	.05	.06	.07	.05	.04	.04	.034	22	.07
5	.03	.03	.02	.03	.02	.03	.04	.04	.03	.02	.02	.02	.02	.02		.01	.02	.03	.03	.04	.03	.03	.04	.04	.026	23	.04
6	.04	.03	.03	.04	.04	.04	.04	.05	.08	.05	.03	.02	.02	.02		.02	.04	.03	.04	.04	.03	.03	.03	.03	.035	23	.09
7	.03	.03	.03	.02	.02	.03	.03	.04	.04	.03	.02	.02	.02	.02		.03	.03	.03	.03	.03	.03	.03	.02	.02	.027	23	.05
8	.02	.02	.02	.01	.02	.02	.02	.03	.02	.02	.02	.02	.02	.02		.03	.03	.03	.03	.04	.04	.04	.04	.04	.026	23	.04
9	.03	.03	.02	.03	.03	.04	.04	.04	.05	.03	.03	.02	.02	.02		.03	.04	.04	.05	.06	.06	.06	.06	.05	.037	23	.06
10*	.04	.04	.04	.05	.03	.04	.04	.04	.04	.04	.04	.02	.02	.02		.02	.03	.03	.06	.07	.07	.07	.07	.06	.042	23	.07
11*	.06	.06	.05	.05	.04	.03	.04	.04	.03	.03	.02	.01	.01	.01			.01	.02	.03	.06	.08	.09	.10	.07	.043	22	.10
12	.06	.06	.05	.04	.04	.05	.07	.08	.07	.05	.03	.02	.02	.02		.03	.04	.04	.04	.03	.02	.02	.02	.02	.039	23	.08
13	.02	.01	.02	.02	.02	.02	.03	.03	.03	.03	.02	.02	.01	.02			.04	.03	.03	.03	.02	.02	.02	.02	.022	22	.05
14	.02	.02	.02	.02	.02	.02	.03	.03	.04	.03	.03	.03	.03	.03			.04	.04	.03	.03	.03	.02	.03	.03	.028	22	.04
15	.02	.02	.02	.02	.02	.02	.03	.03		.03	.03	.03	.03	.03			.02	.02	.02	.03	.03	.03	.02	.02	.024	21	.04
16	.02	.02	.02	.02	.02	.02	.02	.03	.03	.02	.02	.02	.02	.02			.04	.04	.04	.05	.05	.05	.04	.05	.029	22	.06
17*	.05	.04	.05	.03	.02	.02	.03	.04	.06	.08	.04	.04	.03	.04		.03	.05	.04	.04	.05	.05	.05	.05	.05	.041	23	.09
18*	.05	.05	.05	.04	.04	.04	.04	.06	.07	.06	.05	.03	.03	.02			.02	.02	.04	.05	.05	.05	.04	.04	.042	22	.09
19	.03	.02	.02	.02	.01	.02	.04	.05	.07	.06	.04	.03	.03	.03		.04	.05	.05	.04	.04	.04	.04	.03	.03	.035	23	.07
20	.03	.02	.01	.01	.01	.01	.02	.02	.03	.03	.03	.03	.03	.03		.02	.03	.03	.02	.02	.02	.02	.02	.02	.022	23	.04
21	.01	.01	.01	.02	.02	.02	.02	.03	.03	.03	.03	.03	.03	.02		.02	.02	.02	.02	.02	.01	.01	.01	.01	.020	23	.03
22	.01	.01	.01	.01	.01	.01	.01	.03			.05	.04	.03	.03		.02	.03	.03	.03	.03	.03	.03	.02	.02	.023	21	.05
23	.02	.01	.01	.02	.01	.02	.02	.03	.03	.03	.02	.03	.03	.03		.03	.04	.03	.03	.03	.03	.03	.03	.03	.025	23	.04
24*																											
25*	.03	.03	.03	.03	.02	.02	.02	.02	.03	.03	.03	.03	.03	.03		.02	.03	.03	.03	.03	.03	.03	.03	.03	.028	23	.04
26	.02	.02	.02	.02	.02	.02	.02	.03	.03	.03	.04	.05	.05	.05			.04	.04	.04	.04	.04	.03	.03	.03	.032	22	.05
27	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03		.03	.03	.03	.03	.03	.03	.05	.05	.03	.031	23	.06
28	.03	.03	.03	.03	.03	.03	.03	.04	.04	.04	.04	.04	.03	.03		.03	.03	.03	.02	.02	.02	.01	.01	.01	.027	23	.04
29	.00	.00	.00	.00	.00	.00	.00				.05	.04	.04	.05		.06	.06	.06	.05	.05	.04	.04	.03	.03	.030	20	.07
30	.03	.03	.03	.03	.03	.03	.03	.05	.08	.05	.04	.03	.03	.03		.04	.04	.04	.03	.03	.03	.03	.03	.03	.036	23	.09
MEAN	.03	.03	.03	.03	.02	.03	.03	.04	.04	.04	.03	.03	.03	.03		.03	.03	.03	.04	.04	.04	.04	.04	.04	.033		
NO	29	28	29	29	29	29	29	28	26	27	29	29	29	29		20	29	29	29	29	29	29	29	29		651	
MAX	.08	.06	.06	.07	.06	.05	.07	.08	.08	.08	.05	.05	.05	.05		.06	.09	.06	.07	.09	.09	.09	.10	.11	.053		.11

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., MAR. 22, 1967

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONCENTRATION IN PPM
COLORIMETRIC ANALYSIS

WASHINGTON, D.C.

NITROGEN DIOXIDE
OCT. 1966

DAY OF MONTH	AM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	PM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS.	5 MIN. MAX.
1*	.03		.03	.02	.02	.02	.02	.02	.02	.02	.03	.03	.03	.03		.03	.03	.03	.03	.03	.03	.03	.02	.02	.026	22	.04
2*	.02	.02	.03	.02	.02	.02	.03	.03	.02	.02	.02	.02	.02	.02		.02	.02	.02	.05	.05	.05	.05	.05	.04	.029	23	.06
3	.04	.05	.05	.05	.05	.05	.05	.05	.07	.08	.06	.03	.02	.03		.04	.05	.04	.06	.05	.05	.05	.05	.05	.048	23	.08
4	.05	.04	.03	.04	.04	.04	.04	.05	.05	.05	.04	.04	.03	.03		.05	.05	.05	.05	.04	.04	.04	.04	.04	.042	23	.06
5	.04	.04	.04	.04	.04	.04	.04	.04	.04	.03	.03	.03	.02	.02		.03	.04	.03	.03	.03	.03	.03	.03	.03	.033	23	.04
6	.03	.03	.03	.02	.02	.03	.03	.04	.03	.03	.03	.02	.03	.03		.03	.03	.03	.04	.04	.03	.03	.03	.03	.030	23	.04
7	.02	.02	.02	.02	.02	.02	.02	.04	.04	.08	.04	.02		.04			.05	.05	.05	.05	.05	.04	.04	.04	.036	21	.09
8*	.04	.03	.03	.03	.03	.03	.03	.03	.04	.06	.10	.12	.09	.07		.04	.05	.06	.07	.07	.07	.07	.06	.05	.055	23	.13
9*	.05	.04	.04	.04	.04	.04	.04	.04	.04	.06	.08	.07	.07	.05			.05	.05	.05	.05	.04	.04	.03	.04	.047	22	.08
10	.03	.03	.02	.02	.03	.03	.03	.03	.03	.03	.03	.03	.02	.02		.03	.03	.05	.05	.05	.04	.04	.03	.03	.032	23	.05
11	.02	.03	.03	.03	.03	.03	.04	.04	.04	.04	.03	.03	.03	.03		.03	.04	.04	.03	.04	.04	.03	.03	.03	.032	23	.04
12	.03	.03	.02	.02	.03	.03	.03	.04	.04	.03	.02	.02	.02	.02		.03	.05	.05	.06	.05	.06	.07	.06	.05	.036	23	.07
13	.04	.03	.03	.03	.03	.03	.04	.03	.04	.05	.05	.07	.07	.06		.05	.05	.06	.06	.06	.06	.07	.07	.07	.049	23	.08
14	.06	.06	.05	.06	.05	.05	.05	.05	.07	.07	.05	.04	.04	.04		.04	.04	.05	.05	.05	.04	.05	.05	.05	.050	23	.07
15*	.05	.05	.04	.04	.03	.04	.04	.05	.04	.04	.04	.03	.03	.04		.04	.04	.04	.05	.04	.03	.03	.04	.03	.039	23	.05
16*	.03	.02	.01	.02	.01	.01	.02	.02	.01	.01	.02	.01	.01	.01			.02	.02	.02	.02	.02	.01	.01	.01	.016	22	.03
17	.02	.02	.02	.01	.02	.02	.02	.03	.03	.03	.02	.02	.02	.03			.03	.04	.04	.03	.03	.03	.03	.03	.025	22	.04
18	.03	.03	.03	.03	.02	.03	.03	.04	.04	.04	.03	.03	.03	.03			.04	.04	.04	.04	.04	.03	.03	.03	.033	22	.05
19	.03	.03	.03	.03	.02	.02	.03	.03	.03	.03	.04	.03	.03	.03			.03	.03	.02	.02	.02	.02	.02	.02	.026	22	.04
20	.02	.02	.02	.02	.02	.02	.03	.03				.03	.03	.03			.04	.04	.05	.05	.05	.05	.05	.04	.033	19	.05
21	.04	.04	.04	.04	.04	.04	.04	.05	.06			.03	.02	.02		.04	.05	.05	.05	.05	.05	.05	.04	.04	.042	21	.07
22*	.04	.04	.04	.04	.03	.03	.03	.03	.04	.04	.04	.04	.03	.03			.04	.05	.05	.04	.04	.04	.04	.03	.037	22	.05
23*	.03	.03	.04	.04	.02	.02	.03	.03	.02	.03	.05	.07	.08	.07			.08	.07	.06	.06	.07	.06	.06	.06	.048	22	.09
24	.05	.05	.04	.03	.04	.04	.04	.04	.05	.05	.04	.04	.03	.04		.05	.06	.06					.04	.04	.044	19	.06
25	.04	.03	.04	.04	.04	.04	.04	.05	.05	.04	.04	.04	.04	.03		.04	.05	.05	.04	.04	.04	.04	.03	.03	.040	23	.05
26	.04	.04	.04	.04	.04	.04	.04	.05	.05	.06	.07	.05	.04	.03		.04	.07	.08	.09	.09	.10	.09	.09	.09	.059	23	.10
27	.08	.07	.06	.06	.06	.06	.06	.05	.05	.07	.09	.10	.08	.07		.05	.06	.07	.07	.07	.07	.08	.08	.08	.069	23	.10
28	.08	.08	.06	.06	.06	.05	.05	.05	.06	.09	.10	.11	.08	.04		.05	.06	.08	.08	.09	.10	.08	.07	.06	.070	23	.13
29*	.05	.06	.06	.05	.04	.05	.05	.05	.06	.07	.07	.04	.03	.03		.03	.03	.03	.04	.03	.03	.03	.03	.03	.042	23	.10
30*	.03	.03	.02	.02	.02	.02	.02	.03	.02	.02	.02	.02	.02	.02			.03	.03	.04	.04	.04	.05	.05	.04	.028	22	.05
31	.05	.04	.04	.04	.03	.03	.03	.04	.03	.03	.03	.03	.03	.03		.06	.07	.08	.07	.06	.06	.05	.05	.05	.045	23	.08
MEAN	.04	.04	.03	.03	.03	.03	.03	.04	.04	.04	.04	.04	.04	.03		.04	.04	.05	.05	.05	.05	.05	.04	.04	.040		
NO.	31	30	31	31	31	31	31	31	30	29	29	31	30	31		21	31	31	30	30	30	30	31	31		692	
MAX	.08	.08	.06	.06	.06	.06	.06	.05	.07	.09	.10	.12	.09	.07		.06	.08	.08	.09	.09	.10	.09	.09	.09	.070		.13

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., MAR. 22, 1967

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
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HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONCENTRATION IN PPM
COLORIMETRIC ANALYSIS

WASHINGTON, D.C.

NITROGEN DIOXIDE
NOV. 1966

DAY OF MONTH	AM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	PM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5 MIN MAX
1	.05	.05	.05	.04	.04	.04	.05	.05	.04	.05	.05	.05	.05	.04		.05	.07	.07	.06	.06	.05	.05	.05	.04	.049	23	.08
2	.04	.04	.03	.03	.03	.03	.03	.03	.03	.03	.02	.03	.04	.03			.04	.03	.03	.02	.02	.02	.03	.03	.029	22	.05
3	.03	.02	.02	.01	.02	.02	.02	.02	.02	.02	.01			.03		.03	.03	.03	.03	.03	.03	.03	.03	.03	.023	21	.03
4	.03	.02	.02	.01	.02	.03	.03	.03	.04	.03	.02	.02	.03	.03		.03	.04	.04	.04	.04	.04	.04	.04	.04	.030	23	.04
5*	.04	.03	.03	.03	.03	.03	.08	.04	.03	.03	.05	.07	.04	.04		.04	.04	.04	.04	.04	.04	.04	.03	.04	.039	23	.15
6*	.04	.04	.03	.03	.02	.02	.02	.03	.02	.02	.02	.02	.02	.03		.03	.03	.03	.04	.04	.04	.03	.03	.03	.028	23	.04
7	.04	.03	.03	.03	.04	.05	.05	.04	.05	.06	.06	.03	.04	.04		.05	.05	.05	.05	.05	.05	.05	.05	.05	.045	23	.07
8	.04	.04	.03	.03	.03	.04	.04	.04	.03	.04	.04	.04	.05	.05		.04	.06	.06	.05	.05	.05	.04	.04	.04	.041	23	.06
9	.03	.03	.03	.02	.02	.03	.03	.04	.04	.03	.04	.04	.04	.04		.04	.04	.04	.04	.04	.03	.03	.03	.03	.033	23	.05
10	.02	.02	.01	.01	.05	.04	.03	.02	.02	.02	.02	.03	.03	.03			.03	.03	.03	.02	.02	.02	.02	.02	.025	22	.07
11	.01	.02	.02	.02	.02	.02	.02	.03	.03	.03	.02	.02	.02	.02		.05	.04	.05	.06	.05	.05	.04	.03	.03	.030	23	.06
12*	.03	.03	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02		.02	.02	.02	.02	.02	.02	.02	.02	.02	.021	23	.03
13*	.02	.02	.02	.02	.02	.02	.02	.02	.01	.01	.01	.01	.01	.02			.02	.02	.02	.02	.02	.02	.02	.02	.018	22	.03
14	.02	.02	.02	.02	.02	.02	.02	.02	.02	.03	.04	.06	.06	.04		.05	.07	.07	.06	.05	.05	.05	.04	.04	.038	23	.08
15	.08	.08	.04	.04	.04	.04	.04	.04	.03	.03				.01		.03	.04	.05	.05	.05	.05	.05	.06	.05	.044	20	.09
16	.04	.04	.04	.04	.05	.05	.05	.05	.04	.04	.04	.04	.03	.04		.04	.05	.05	.05	.05	.05	.05	.04	.04	.044	23	.05
17	.04	.03	.03	.03	.03	.03	.04	.04	.04	.05	.05	.06	.07	.08		.06	.06	.07	.06	.06	.06	.06	.06	.05	.050	23	.09
18	.04	.03	.03	.03	.04	.04	.04	.04	.05	.05	.04	.04	.05	.05		.06	.06	.05	.04	.04	.04	.04	.04	.03	.041	23	.07
19*	.03	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02			.02	.03	.03	.03	.03	.03	.03	.03	.023	22	.03
20*	.03	.03	.03	.03	.03	.03	.03	.02	.02	.02	.02	.02	.02	.02		.02	.03	.04	.03	.03	.03	.04	.04	.04	.028	23	.05
21	.04	.03	.03	.03	.03	.04	.03	.04	.04	.08	.06	.06	.04	.04			.04	.05	.05	.05	.05	.05	.05	.05	.044	22	.15
22																											
23																											
24																											
25																											
26*																											
27*																											
28																											
29																											
30																											
MEAN	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.04	.04	.03		.04	.04	.04	.04	.04	.04	.04	.04	.03	.034		
NO	21	21	21	21	21	21	21	21	21	21	20	19	19	21		16	21	21	21	21	21	21	21	21		473	
MAX	.08	.08	.05	.04	.05	.05	.08	.05	.05	.08	.06	.07	.07	.08		.06	.07	.07	.06	.06	.06	.06	.06	.05	.050		.15

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., MAR. 22, 1967

CONTINUOUS AIR MONITORING PROGRAM

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

WASHINGTON, D.C.

CONCENTRATION (PPM)
COLORIMETRIC ANALYSIS

NITROGEN DIOXIDE
DEC. 1966

DAY OF MONTH	AM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	PM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5 MIN MAX
1																											
2																											
3*																											
4*																											
5																											
6																											
7																											
8																											
9																											
10*																											
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26																											
27																											
28																											
29																											
30																											
31*																											
MEAN																									.000		.00
NO																											
MAX																											

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., MAR. 22, 1967

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONCENTRATION IN PPM
CONDUCTOMETRIC ANALYSIS

WASHINGTON, D.C.

SULFUR DIOXIDE
JAN. 1966

DAY OF MONTH	AM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	PM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5 MIN MAX
1*																											
2*																											
3																											
4																											
5																											
6																											
7												.02	.02	.02	.02	.02	.02	.03	.03	.02	.02	.02	.03	.02	.023	13	.03
8*	.02	.02	.01	.01	.01	.01	.01	.01	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.017	24	.02
9*	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.03	.03	.03	.02	.02	.02	.02	.021	24	.04
10	.02	.02	.02	.02	.02	.02	.02	.02	.02			.02	.02	.02	.02		.02	.02	.02	.02	.03	.03	.02	.02	.022	21	.03
11	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02		.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.020	23	.03
12	.02	.02	.03	.02	.02	.02	.02	.03	.03	.03	.02	.02	.02	.02	.02	.02	.02	.02	.02	.03	.03	.03	.03	.03	.023	24	.09
13	.03	.03	.03	.03	.02						.02	.02	.02	.02	.02	.02	.03	.02	.02	.02	.02	.02	.02	.02	.023	19	.03
14	.03	.03	.02	.02	.02	.02	.03	.03	.03	.02	.02	.02	.02	.02	.03	.02	.02	.02	.03	.03	.03	.03	.03	.03	.024	24	.03
15*	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.02	.02	.03	.03	.03	.03	.02	.03	.03	.03	.03	.03	.03	.029	24	.08
16*	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.020	24	.03
17	.02	.02	.02	.02	.02	.02	.02	.02	.02						.02	.02	.02	.02	.03	.03	.03	.02	.02	.02	.022	19	.04
18	.02	.02	.02	.02	.04	.05	.04		.04	.05	.04	.03	.03	.03	.02	.02	.02	.02	.03	.03	.02	.02	.02	.03	.028	23	.09
19	.03	.02	.02	.02	.02	.03	.03	.04	.04	.04	.05	.04	.04	.03	.03	.03	.03	.03	.03	.03	.03	.02	.02	.02	.030	24	.08
20	.02	.02	.02						.07	.06	.05	.04	.03	.03	.02	.02	.02	.02	.03	.03	.02	.04	.03	.02	.031	19	.09
21	.03	.05	.02	.02	.03	.05	.06	.04	.04	.03	.02	.02	.02	.02	.02	.02	.02								.031	17	.08
22*																											
23*																											
24									.06				.07	.06	.09	.07	.06	.07	.08	.07	.08	.07	.07	.06	.067	13	.10
25	.06	.06	.07	.06	.05	.05	.08	.07	.07	.06	.05	.04	.04	.02	.05	.04	.03	.04	.04	.04	.04	.03	.05	.05	.049	24	.13
26	.05	.05	.04	.06	.05	.08	.10	.11	.11	.12	.11	.10	.08	.08	.08	.07	.07	.07	.08	.09	.08	.08	.06	.06	.079	24	.13
27	.06	.04	.07	.09	.07	.08	.15	.14	.13	.10			.10	.10	.09	.10	.11	.10	.11	.07	.06	.06	.05	.04	.087	22	.16
28	.04	.05	.10	.10	.09	.05	.11	.12	.10	.08		.09	.10	.09	.07	.08	.08	.06	.07	.07	.07	.07	.07	.06	.079	23	.14
29*	.06	.07	.07	.07	.07	.08	.08	.09	.10	.09	.09	.07	.06	.07	.07	.08	.12	.14	.14	.12	.09	.09	.09	.10	.088	24	.17
30*	.10	.10	.08	.07	.05	.07	.06	.06	.09	.08	.09	.09	.07	.09	.08	.07	.06	.05	.06	.07	.06	.07	.08	.07	.072	24	.11
31	.08	.07	.07	.07	.08	.09	.13	.13	.10	.09	.08	.09	.07		.05	.05	.04	.04	.04	.05	.07	.10	.08	.09	.076	23	.16
MEAN	.04	.04	.04	.04	.04	.04	.05	.06	.05	.05	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.042		
NO	21	21	21	20	20	19	19	18	21	18	17	20	22	20	23	22	23	22	22	22	22	22	22	22		499	
MAX	.10	.10	.10	.10	.09	.09	.15	.14	.13	.12	.11	.10	.10	.10	.09	.10	.12	.14	.14	.12	.09	.10	.09	.10	.088		.17

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., MAR. 22, 1967

CONTINUOUS AIR MONITORING PROGRAM

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

WASHINGTON, D.C.

CONCENTRATION IN PPM
CONDUCTOMETRIC ANALYSIS

SULFUR DIOXIDE
FEB. 1966

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS	5 MIN MAX
1	.07	.12	.11	.10	.13	.17	.14	.10	.16	.12	.08	.09	.07	.08	.07	.09	.07	.09	.08	.07	.08	.06	.06	.05	.093	24	.22
2	.05	.06	.06	.05	.05	.05	.06	.05	.08	.15	.24	.22	.17	.16	.13	.09	.08	.09	.08	.10	.12	.13	.12	.13	.104	24	.27
3	.13	.13	.13	.12	.14	.14	.16	.18	.20	.17	.13	.11	.11	.10	.11	.09	.08	.09	.11	.14	.13	.11	.11	.08	.124	24	.24
4	.10	.10	.08	.08	.09	.14	.16	.17	.18	.16	.13		.09	.09	.10	.08	.10	.09	.09	.09	.09	.09	.09	.08	.106	23	.22
5*	.08	.08	.08	.08	.09	.10	.12	.14	.13	.08	.06	.07	.09	.05	.05	.05	.06	.08	.10	.11	.11	.12	.12	.12	.090	24	.16
6*	.14	.12	.12	.12	.22	.17	.19	.21	.25	.22	.11	.08	.09	.07	.08	.07	.07	.07	.08	.07	.07	.11	.07	.08	.119	24	.29
7	.09	.11	.11	.09	.10	.09	.11		.10	.11	.12		.08	.06	.13	.12	.09	.09	.09	.07	.07	.07	.09	.09	.094	22	.19
8	.10	.09	.10	.15	.18	.19	.23	.28	.29	.31	.29	.31	.31	.37	.45	.44	.42	.41	.26	.17	.16	.20	.18	.18	.252	24	.47
9	.20	.21	.18	.20	.23	.24	.26	.28	.30	.28	.34	.20	.14	.12	.13	.11	.12	.12	.10	.09	.08	.09	.12	.10	.177	24	.42
10	.08	.09	.07	.06	.10	.10	.11	.14	.15	.13	.13	.18	.09	.13	.13	.13	.11	.12	.15	.12	.10	.12	.13	.13	.115	24	.21
11	.09	.06	.06	.08	.08	.07	.08	.08	.10	.12		.07	.07	.09	.07	.10	.09	.14	.12	.14	.14	.15	.15	.18	.100	23	.20
12*	.21	.20	.15	.14	.15	.15	.24	.19	.19	.26	.16	.14	.10	.10	.11	.14	.15	.13	.10	.09	.09	.11	.10	.09	.144	24	.33
13*	.09	.08	.06	.06	.06	.06	.05	.05	.05	.05	.05	.04	.06	.05	.04	.06	.05	.05	.04	.06	.06	.07	.06	.06	.055	24	.10
14	.05	.05	.05	.05	.05	.09	.14	.16	.15	.10	.09		.04	.03	.03	.02	.01	.02	.06	.09	.08	.05	.05	.04	.065	23	.19
15	.04	.03	.02	.02	.04	.06	.09	.12	.14	.10	.08	.07	.07	.07	.07	.03	.03	.03	.05	.03	.04	.05	.04	.03	.056	24	.17
16	.02	.02	.02	.02	.03	.04	.04	.04	.04			.05	.03	.02		.03	.05	.03	.03	.06	.08	.06	.05	.06	.038	21	.10
17	.06	.03	.02	.01	.01	.05	.07	.05	.05	.04	.03	.03	.03	.04	.03	.02	.02	.02	.04	.06	.11	.10	.14	.12	.048	24	.17
18	.14	.16	.14	.12	.13	.11	.16	.24	.14	.13	.11	.07	.03	.04	.03	.03	.04	.06	.07	.08	.09	.08	.06	.03	.094	24	.29
19*	.05	.09	.08	.11	.17	.23	.22	.22	.18	.16	.21	.13	.09	.08	.06	.03	.02	.04	.08	.04	.04	.03	.03	.02	.099	24	.31
20*	.02	.02	.02	.02	.03	.03	.04	.04	.03	.03	.03	.04	.05	.05	.05	.06	.06	.06	.05	.05	.07	.06	.05	.05	.042	24	.08
21	.06	.05	.04	.05	.07	.08	.09	.12	.09	.09	.08	.08	.06	.07											.074	14	.15
22																											
23	.06	.06	.06	.13	.16	.11	.09	.08	.15	.11	.06	.05	.04	.04		.04	.04	.08	.05	.04	.06	.06	.09	.11	.077	23	.20
24	.10	.08	.07	.08	.08	.06	.09	.09	.10	.07	.08	.08	.08	.09	.08	.09	.09	.11	.12	.11	.10	.10	.11	.10	.090	24	.14
25	.10	.09	.11	.11	.16	.17	.15	.19	.23	.18	.14	.12	.11	.08	.06	.06	.07	.08	.06	.06	.05	.06	.09	.10	.109	24	.28
26*	.11	.08	.06	.05	.06	.08	.09	.09	.11	.07	.07	.06	.06	.05	.05	.04	.05	.05	.06	.07	.10	.08	.08	.08	.070	24	.14
27*	.08	.08	.08	.09	.11	.13	.16	.16	.19	.12	.06	.07	.09	.08	.07	.07	.06	.07	.09	.07	.07	.09	.10	.11	.095	24	.22
28	.07	.05	.07	.06	.05	.06	.09	.12	.10	.09	.09	.11	.13		.03	.03	.04	.04	.03	.01	.01	.01	.02	.02	.057	23	.15
MEAN	.09	.09	.08	.08	.10	.11	.13	.14	.14	.13	.12	.10	.09	.08	.09	.08	.08	.09	.08	.08	.08	.09	.09	.09	.096		
NO	27	27	27	27	27	27	27	26	27	26	25	24	27	26	24	26	26	26	26	26	26	26	26	26		628	
MAX	.21	.21	.18	.20	.23	.24	.26	.28	.30	.31	.34	.31	.31	.37	.45	.44	.42	.41	.26	.17	.16	.20	.18	.18	.252		.47

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., MAR. 22, 1967

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONCENTRATION IN PPM
CONDUCTOMETRIC ANALYSIS

WASHINGTON, D.C.

SULFUR DIOXIDE
MARCH 1966

DAY OF MONTH	AM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	PM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5 MIN MAX
1	.02	.03	.04	.01	.02	.03	.02	.04	.07	.04	.02	.02	.02	.04	.03	.02	.01	.02	.03	.04	.02	.01	.01	.01	.026	24	.10
2	.03	.06	.03	.04	.05	.07	.11	.13	.07	.05	.04	.04	.03	.03		.03	.02	.02	.03	.03	.05	.07	.08	.06	.050	23	.16
3	.06	.15	.04	.02	.02	.02	.06	.09	.05		.10	.07	.07	.06	.05	.03	.03	.03	.04	.05	.05	.02	.02	.02	.049	23	.24
4	.02	.03	.02	.03	.04	.04	.05	.05	.05	.07	.06	.06	.03	.04	.05	.03	.05	.06	.03	.03	.04	.04	.04	.06	.042	24	.09
5*	.05	.03	.04	.04	.04	.03	.03	.03	.04	.05	.05	.05	.04	.03	.02	.02	.02	.03	.03	.03	.03	.03	.03	.03	.033	24	.07
6*	.03	.03	.03	.03	.03	.04	.03	.03	.03	.03	.03	.03	.03	.03	.04	.04	.05	.05	.05	.05	.06	.10	.11	.10	.044	24	.14
7	.08	.07	.06	.06	.09	.14	.14	.20	.12	.08	.08	.06	.05		.05	.03	.04	.05	.04	.04	.04	.04	.04	.03	.070	23	.29
8	.03	.03	.03	.03	.03	.03	.04	.03			.04	.02	.03	.02	.02	.02	.02	.03	.04	.07	.05	.05	.05	.08	.035	22	.11
9	.07	.06	.05	.07	.10	.10	.13	.12	.06	.05	.05	.03	.04	.05		.08	.04	.05	.06	.08	.08	.13	.14	.11	.076	23	.20
10	.09	.07	.07	.06	.12	.14	.15	.18	.20	.17	.19	.15	.09	.07	.06	.05	.05	.06	.08	.11	.09	.07	.12	.11	.105	24	.29
11	.11	.08	.09	.05	.07	.11	.10	.17	.17	.14	.16	.11	.09	.08		.07	.07	.06	.10	.09	.11	.11	.11	.10	.101	23	.20
12*	.09	.09	.10	.09	.10	.13	.11	.09	.07	.07	.08	.08	.08	.07	.06	.07	.05	.06	.06	.06	.07	.10	.07	.05	.080	24	.15
13*	.05	.09	.09	.07	.08	.09	.09	.11	.10	.12	.14	.16	.19	.18	.13	.09	.07	.06	.07	.07	.09	.09	.09	.11	.101	24	.25
14	.07	.04	.04	.05	.05	.06	.07	.09	.11	.09	.07	.08	.04	.04	.05	.03	.03	.02	.02	.02	.02	.03	.03	.03	.049	24	.20
15	.05	.04	.04	.04	.05	.09	.10	.08	.07	.08	.06	.05	.02	.02	.05		.05	.05	.04	.04	.04	.03	.04	.05	.050	23	.11
16	.04	.04	.05	.05	.05	.06	.09	.06	.07	.07	.06	.05	.04		.03	.05	.04	.03	.03	.04	.07	.11	.15	.11	.060	23	.17
17	.12	.06	.11	.08	.08	.09	.13	.11	.13	.06	.08	.05	.04		.02	.02	.03	.03	.06	.05	.08	.15	.10	.05	.074	23	.21
18	.05	.07	.07	.06	.07	.06	.04	.05	.09	.11	.07	.08	.06	.06	.06	.04	.04	.04	.06	.04	.06	.03	.05	.07	.059	24	.17
19*	.02	.02	.06	.03	.03	.05	.07	.08	.10	.08	.03	.06	.04	.02	.02	.02	.02	.02	.02	.03	.04	.03	.03	.03	.039	24	.13
20*	.03	.09	.08	.05	.06	.06	.04	.04	.03	.02	.03	.03	.02	.03	.02	.03	.02	.02	.04	.05	.05	.06	.06	.07	.041	24	.15
21	.07	.07	.06	.05	.08	.13	.21	.24	.13	.09	.11	.07	.06	.05		.00	.00	.00	.00	.00	.00	.02	.03	.02	.065	23	.27
22	.00	.01	.01	.00	.00	.00	.01	.02	.01	.01	.01	.02	.01		.00	.00	.00	.00	.00	.00	.00	.02	.01	.00	.006	23	.10
23	.00	.00	.00	.01	.04	.05	.03	.02	.02	.02				.01	.01	.00	.01	.01	.01	.01	.01	.01	.01	.01	.014	21	.06
24	.01	.01	.01	.01	.01	.01	.01	.03	.07	.06	.05	.05	.03	.03	.03	.03	.03	.03	.04	.04	.04	.02	.02	.02	.029	24	.09
25	.02	.02	.02	.02	.02	.03	.04	.05	.06	.05	.04	.04	.04	.04	.04	.04	.02	.02	.04	.04	.03	.04	.03	.04	.033	24	.07
26*	.04	.04	.05	.05	.04	.05	.08	.09	.05	.04	.04	.05	.03	.03	.03	.04	.03	.05		.07	.04	.03	.04	.03	.044	23	.11
27*	.03	.03	.03	.03	.03	.03	.04	.04	.05	.05	.05	.04	.03	.04	.03	.03	.03	.03	.05	.05	.05	.05	.04	.04	.038	24	.08
28	.04	.04	.04	.03	.03	.05	.07	.08	.09	.10	.08	.06	.06		.04	.03	.03	.03	.03	.04	.04	.04	.03	.03	.046	23	.13
29	.03	.02	.03	.04	.04	.04	.05	.08	.08	.06	.05	.04	.04	.04	.04	.04	.04	.04	.03	.05	.06	.08	.11	.09	.050	24	.13
30	.12	.12	.11	.10	.06	.07	.08	.10	.10	.10	.05	.03	.03	.03	.03	.04	.04	.04	.05	.05	.04	.04	.03	.04	.062	24	.18
31	.05	.07	.09	.06	.06	.05	.10	.10	.05	.10	.05	.06	.04	.05	.03	.02	.03	.02	.04	.05	.06	.07	.09	.09	.060	24	.14
MEAN	.05	.05	.05	.04	.05	.06	.07	.08	.08	.07	.06	.06	.05	.05	.04	.03	.03	.03	.04	.05	.05	.05	.06	.05	.053		
NO	31	31	31	31	31	31	31	31	30	29	30	30	30	26	27	30	31	31	30	31	31	31	31	31		727	
MAX	.12	.15	.11	.10	.12	.14	.21	.24	.20	.17	.19	.16	.19	.18	.13	.09	.0.	.06	.10	.11	.11	.15	.15	.11	.105		.29

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., MAR. 22, 1967

CONTINUOUS AIR MONITORING PROGRAM

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

WASHINGTON, D.C.

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

CONDUCTOMETRIC ANALYSIS

SULFUR DIOXIDE
APRIL 1966

DAY OF MONTH	AM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	PM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS	5 MIN MAX
1	.08		.05	.04	.05	.05	.06	.08	.04	.04	.07	.05	.05	.07	.08	.09	.06	.04	.06	.09	.03	.02	.02	.02	.054	23	.15
2*	.01	.02	.02	.03	.06	.06	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.04	.04	.04	.05	.04	.06	.06	.06	.037	24	.08
3*																											
4																											
5	.01	.02	.03	.03	.02	.02	.04	.04	.05	.04	.03	.03	.03	.03	.04	.04	.03	.04	.04	.05	.07	.09	.06	.03	.038	24	.10
6	.03	.05	.09	.07	.08	.10	.14	.08	.06	.05	.05	.05	.04			.03	.02	.01	.01	.02	.03	.02	.02	.02	.049	22	.18
7	.03	.03	.06	.08	.06	.08	.08	.05	.09	.04	.04	.04	.03	.03	.03		.03	.04	.04	.04	.04	.04	.04	.05	.047	23	.15
8	.05	.04	.03	.03	.03	.04	.06	.06	.05	.04	.04	.02	.03	.03	.03	.03	.03	.03	.02	.04	.04	.04	.03	.03	.036	24	.08
9*	.02	.04	.04	.06	.05	.06	.07	.07	.08	.05	.05	.04	.04	.03	.04	.05	.04	.04	.05	.06	.07	.07	.07	.06	.052	24	.10
10*	.06	.05	.05	.04	.05	.07	.08	.06	.05	.05	.04	.04	.04	.04	.04	.03	.04	.04	.04	.05	.07	.13	.11	.09	.057	24	.17
11	.07	.07	.07	.06	.06	.10	.13	.16	.12	.12	.09			.01	.01	.01	.02	.01	.01	.02	.02	.02	.02	.01	.054	22	.24
12	.01	.01	.01	.01	.02	.01	.01	.02	.01	.01	.01	.01	.00	.02	.01	.01	.01	.01	.01	.01	.00	.00	.01	.01	.009	24	.06
13	.00	.00	.00	.00	.01	.01	.01	.00	.02			.01	.01	.01	.02	.03	.03	.03	.03	.03	.02	.03	.03	.04	.016	22	.04
14	.04	.04	.04	.04	.04	.05	.10	.11	.08	.03	.03	.03	.04	.04	.04	.03	.03	.03	.03	.05	.08	.08	.08	.09	.052	24	.15
15	.08	.11	.10	.10	.09	.11	.13	.13	.08	.04	.03	.02	.02	.02	.02	.02	.02	.02	.03	.04	.03	.03	.05	.04	.056	24	.18
16*	.03	.03	.03	.04	.05	.04	.06	.09	.07	.04	.04	.04	.03	.04	.03	.03	.03	.04	.04	.04	.04	.07	.07	.06	.045	24	.12
17*	.06	.06	.07	.07	.06	.08	.07	.05	.04	.04	.04	.03	.04	.04	.04	.03	.03	.04	.03	.04	.05	.05	.04	.04	.046	24	.11
18	.04	.04	.05	.04	.05	.07	.06	.07	.07	.06	.05	.08	.07	.09	.10	.12	.06	.04	.04	.05	.05	.06	.06	.06	.061	24	.13
19	.07	.09	.13	.15	.14	.12	.14	.12	.07	.06		.03	.03	.02	.02	.03	.03	.03	.02	.02	.02	.02	.02	.02	.060	23	.16
20	.02	.02	.02	.02	.02	.02	.02	.02	.02	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.02	.02	.02	.03	.02	.025	24	.03
21	.02	.02	.02	.02	.02	.03	.02	.02	.02	.03	.03	.03	.03	.02	.02	.03	.03	.02	.02	.02	.02	.02	.02	.02	.023	24	.13
22	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02		.02	.02	.02	.02	.02	.02	.02	.03	.03	.021	23	.08
23*	.03	.02	.02	.02	.02	.02	.03	.02	.02	.02	.03	.03	.03	.03	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.023	24	.04
24*	.02	.02	.02	.03	.02	.02	.02	.02	.02	.02	.02	.03	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.021	24	.04
25																											
26																											
27																											
28																											
29																											
30*																											
MEAN	.04	.04	.04	.04	.05	.05	.06	.06	.05	.04	.04	.03	.03	.03	.03	.03	.03	.03	.03	.04	.04	.04	.04	.04	.040		
NO	22	21	22	22	22	22	22	22	22	21	20	21	21	21	20	21	22	22	22	22	22	22	22	22		518	
MAX	.08	.11	.13	.15	.14	.12	.14	.16	.12	.12	.09	.08	.07	.09	.10	.12	.06	.04	.06	.09	.08	.13	.11	.09	.061		.24

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., MAR. 22, 1967

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONCENTRATION IN PPM
CONDUCTOMETRYC ANALYSIS

WASHINGTON, D.C.

SULFUR DIOXIDE
MAY 1966

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS	5 MIN MAX
1*																											
2																											
3																											
4																											
5																											
6																											
7*																											
8*																											
9											.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.020	14	.02
10	.02	.02	.02	.02	.03	.04	.06	.05	.04	.04	.04	.04	.03	.03	.03	.02	.02	.02	.02	.02	.03	.03	.04	.05	.031	24	.07
11	.06	.05	.05	.05	.06	.21	.23	.08	.06	.04	.04	.03	.03	.03	.03	.03	.03	.03	.04	.04	.03	.03	.03	.02	.055	24	.28
12	.02	.02	.02	.02	.03	.03	.03	.04	.04	.04	.03	.03	.03	.03	.02	.02	.02	.03	.03	.02	.03	.04	.03	.03	.028	24	.05
13	.03	.03	.04	.03	.03	.03	.05	.04	.05	.04	.04	.04	.03	.03	.03	.03	.03	.03	.03	.03	.03	.04	.05	.05	.036	24	.07
14*	.04	.06	.07	.06	.05	.05	.05	.06	.07	.07	.07	.07	.07	.06	.05	.05	.04	.05	.06	.09	.08	.07	.07	.06	.060	24	.12
15*	.08	.10	.12	.12	.11	.11	.12	.10	.06	.05	.04	.04	.04	.04	.04	.04	.04	.04	.04	.05	.06	.06	.04	.04	.065	24	.14
16	.05	.07	.06	.05	.06	.07	.07	.06	.05	.04	.05	.05	.05		.03	.02	.02	.02	.02	.03	.03	.03	.03	.02	.042	23	.09
17	.02	.02	.02	.03	.03	.03	.04	.04	.04	.03	.03	.03	.03	.04	.04	.04	.03	.03	.03	.03	.03	.03	.03	.03	.031	24	.06
18	.03	.03	.03	.03	.03	.03	.03	.03	.05	.06	.03	.02	.02	.02	.02	.02	.03	.03	.02	.02	.02	.02	.02	.02	.028	24	.09
19	.02	.02	.02	.02	.02	.02	.02	.03	.03		.05	.04	.04	.03	.03	.03	.03	.03	.03	.03	.03	.04	.04	.04	.030	23	.06
20	.04	.04	.04	.04	.03	.04	.07	.05	.04	.03	.03	.02	.02	.02	.02	.02	.03	.03	.03	.03	.04	.03	.03	.03	.033	24	.10
21*	.03	.03	.03	.03	.03	.04	.05	.06	.06	.04	.05	.04	.04	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.036	24	.07
22*	.03	.02	.02	.02	.02	.02	.02	.02	.02	.03	.03	.03	.03	.03	.03	.02	.02	.02	.02	.03	.03	.03	.03	.04	.026	24	.06
23																											
24																											
25																											
26																											
27																											
28*																											
29*																											
30																											
31																											
MEAN	13	13	13	13	13	13	13	13	13	12	14	14	14	13	14	14	14	14	14	14	14	14	14	14		324	
NO																											
MAX	.08	.10	.12	.12	.11	.21	.23	.10	.07	.07	.07	.07	.07	.06	.05	.05	.04	.05	.06	.09	.08	.07	.07	.06	.065		.28

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., MAR. 22, 196[illegible]

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CONTINUOUS AIR MONITORING PROGRAM

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

WASHINGTON, D.C.

SULFUR DIOXIDE
JUNE 1966

CONCENTRATION IN PPM
CONDUCTOMETRIC ANALYSIS

DAY OF MONTH	AM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	PM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS	5 MIN MAX
1		.03	.02	.02	.02	.03	.03	.03	.02	.03	.02	.02	.02	.02	.02	.02	.02	.02	.01	.01	.02	.03	.04	.05	.024	23	.07
2	.05	.04	.03	.03	.04	.05	.06	.04	.03	.02	.02	.02	.02	.02	.02	.01	.01	.02	.01	.01	.02	.03	.03	.03	.026	24	.07
3	.03	.03	.06	.04	.02	.03	.03	.03	.04	.04		.01	.02	.01	.01	.01	.02	.02	.02	.02	.02	.02	.02	.02	.025	23	.07
4*	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.020	24	.03
5*	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.01	.02	.02	.02	.02	.02	.02	.02	.020	24	.06
6	.02	.02	.02	.02	.02	.02	.02	.02		.02	.03	.02	.02	.02	.02	.02	.02	.02	.02	.02	.01	.02	.02	.02	.020	23	.04
7	.02	.02	.02	.02	.02	.02	.02	.02	.02	.03	.02	.03	.02	.01	.01	.01	.02	.02	.02	.02	.02	.02	.02	.02	.019	24	.06
8	.02	.02	.02	.02	.02	.01	.03	.02	.02			.03	.03	.02	.02	.02	.02	.02	.02	.02	.03	.02	.02	.02	.020	22	.05
9	.01	.02	.02	.03	.02	.02	.02	.03	.02	.04	.03	.02	.02	.02	.03	.02	.02	.02	.02	.02	.02	.02	.02	.02	.021	24	.05
10	.02	.02	.02	.03	.02	.02	.02	.02	.02	.02	.02	.02		.01	.01	.01	.01	.01	.01	.01	.02	.01	.01	.01	.016	23	.08
11*	.01	.01	.01	.01	.01	.01	.01	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.017	24	.03
12*	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.020	24	.03
13	.02	.02	.02	.02	.02	.02	.02	.02	.01	.01	.01	.01	.01	.01	.01	.02	.02	.02	.02	.02	.02	.03	.02	.02	.017	24	.03
14	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.03	.03	.03	.02	.02	.02	.02	.02	.02	.021	24	.05
15	.02	.02	.02	.02	.02	.02	.03	.04	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.02	.02	.02	.02	.016	24	.06
16	.02	.02	.02	.02	.01	.01	.01	.01	.02	.02	.02	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.013	24	.06
17	.01	.01	.01	.02	.01	.01	.01		.00	.00	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.010	23	.03
18*	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.010	24	.02
19*	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.02	.02	.01	.01	.01	.01	.01	.01	.01	.01	.02	.02	.02	.012	24	.02
20	.01	.01	.01	.01	.01	.01	.01	.02	.02	.01	.01	.01	.02	.02	.02	.02	.02	.02	.02	.02	.01	.01	.01	.01	.014	24	.04
21	.01	.02	.02	.01	.01	.01	.02	.02	.02	.02	.02	.02	.02	.08	.02	.02	.02	.02	.01	.02	.02	.01	.01	.01	.019	24	.14
22																											
23								.06	.05	.06	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.04	.04	.04	.04	.049	17	.06
24	.03	.03	.03	.03	.03	.03	.03		.03	.02	.02	.02	.02	.02	.02	.02	.02	.03	.03	.03	.02	.02	.02	.02	.025	23	.07
25*	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.03	.02	.02	.02	.020	24	.03
26*	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.020	24	.02
27	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.03	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.021	24	.11
28	.02	.02	.02	.02	.02	.02	.02	.02	.03	.02	.02	.03	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.021	24	.04
29	.02	.02	.02	.01	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.019	24	.03
30	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.03	.03	.02	.03	.02	.02	.02	.02	.02		.02	.02	.02	.02	.021	23	.03
MEAN	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.020		
NO	27	28	28	28	28	28	28	27	28	28	27	29	28	29	29	29	29	29	29	28	29	29	29	29		680	
MAX	.05	.04	.06	.04	.04	.05	.06	.06	.05	.06	.05	.05	.05	.08	.05	.05	.05	.05	.05	.05	.04	.04	.04	.05	.049		.14

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., MAR. 22, 1967

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONCENTRATION IN PPM
CONDUCTOMETRIC ANALYSIS

WASHINGTON, D.C.

SULFUR DIOXIDE
JULY 1966

DAY OF MONTH	AM 12-1	AM 1-2	AM 2-3	AM 3-4	AM 4-5	AM 5-6	AM 6-7	AM 7-8	AM 8-9	AM 9-10	AM 10-11	AM 11-12	PM 12-1	PM 1-2	PM 2-3	PM 3-4	PM 4-5	PM 5-6	PM 6-7	PM 7-8	PM 8-9	PM 9-10	PM 10-11	PM 11-12	DAILY MEAN	NO OF HRS	5 MIN MAX
1	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.03	.03	.03	.01	.01	.01	.02	.02	.02	.02	.01	.02	.02	.02	.020	24	.05
2*	.01	.01	.01	.01	.01	.01	.01	.01	.01	.02	.02	.02	.02	.02	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.012	24	.02
3*	.01	.01	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.020	24	.07
4	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.020	24	.02
5	.02	.02	.03	.03	.02	.02	.02	.02	.02	.02	.02	.02	.02	.03		.02	.02	.02	.02	.02	.02	.02	.02	.02	.021	23	.05
6	.02	.02	.02	.02	.02	.02	.02	.02		.02	.02	.01	.01	.01	.02	.02	.02	.01	.01	.01	.01	.01	.01	.02	.016	23	.04
7	.02	.02	.01	.02	.02	.01	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.019	24	.06
8	.02	.02	.02	.02	.02	.02	.02	.02	.02		.01	.01				.02	.02	.03	.03	.02	.02	.02	.02	.03	.020	20	.03
9*	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.030	24	.04
10*	.03	.03	.03	.03	.03	.02	.02	.02	.02	.03	.02	.02	.02	.02	.02			.02	.02	.02	.02	.02	.02	.02	.023	22	.03
11	.02	.02	.02	.02	.02	.02	.02	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.02	.02	.027	24	.05
12	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03											.03	.03	.03	.03	.030	14	.03
13	.03	.03	.03	.03	.03	.03	.03	.02	.03	.02	.03	.03	.03	.03	.03	.03	.03	.03	.03				.02		.029	20	.03
14	.02	.02	.02	.02				.03	.03	.03				.02	.02	.02	.02	.02	.02	.02	.03				.023	15	.03
15											.02	.03	.02	.03	.03	.02	.02	.02	.02	.02	.02	.02	.02	.02	.023	14	.03
16*	.02	.02	.02	.02	.02	.02	.02	.02	.02	.03	.03	.03	.03	.03	.02	.02	.02	.02	.02	.02	.02	.02	.02		.022	23	.05
17*	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.020	24	.04
18	.02	.02	.02	.02	.02	.02	.02	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.04	.04	.04	.03	.03	.03	.028	24	.06
19	.03	.03	.03	.03					.02	.02	.02	.03	.03	.02	.02	.??	.02	.02	.02	.02	.02	.02	.01	.01	.022	20	.03
20	.01	.01	.01	.01	.01	.01	.01	.02	.03	.02	.02	.02	.02	.01		.00	.00	.00	.00	.00	.01	.01	.01	.01	.011	23	.03
21	.01	.01	.01	.01	.01	.01	.01	.01		.02	.02	.02	.02	.02	.01	.01	.01	.01	.01	.02	.02	.01	.01	.01	.013	23	.03
22	.01	.01	.01	.01	.01	.01	.01	.02	.02	.01	.02	.02	.02	.01	.01	.01	.02	.02	.02	.02	.01	.01	.01	.01	.014	24	.02
23*	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.02	.02	.02	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.011	24	.03
24*	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.010	24	.01
25																											
26																											
27																											
28																											
29																											
30*																											
31*																											
MEAN	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.020		
NO	23	23	23	23	21	21	21	22	21	22	22	22	21	22	20	22	22	23	23	22	23	22	22	22		528	
MAX	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.04	.04	.04	.03	.03	.03	.030		.07

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., MAR. 22, 1967

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CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONCENTRATION IN PPM
CONDUCTOMETRIC ANALYSIS

WASHINGTON, D.C.

SULFUR DIOXIDE
AUG. 1966

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS	5 MIN MAX
1																											
2																											
3																											
4																											
5																											
6*																											
7*																											
8																											
9																											
10		.05	.05	.05	.05	.05	.05	.06				.03	.04	.04	.04	.06	.06	.03	.04	.04	.04	.05	.05	.04	.046	20	.14
11																											
12																											
13*																											
14*																											
15											.04	.04	.04	.05	.03	.03	.04	.05	.04	.03	.04	.04	.05	.04	.040	14	.06
16	.03	.03	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.03	.03	.03	.03	.03	.03	.036	24	.04
17	.03	.03	.03	.03	.03	.03	.03	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.05	.05	.05	.05	.039	24	.07
18	.07	.06	.06	.06	.06	.08	.10	.14	.12	.11		.07	.05	.03	.02	.01	.01	.01	.01	.01	.02	.02	.01	.01	.048	23	.14
19																											
20*																											
21*																											
22								.02	.02	.02	.03	.02	.01	.01	.01	.01	.09		.03	.02		.02	.02	.01	.023	15	.15
23	.01	.00					.01	.01	.01		.03	.03	.02	.02	.03	.03	.03	.03	.03	.04	.04	.04	.04	.04	.026	19	.05
24	.05	.04	.04	.03	.03	.04	.05	.04	.03	.03	.03	.03	.03	.03	.03	.03	.02	.02	.02	.03	.04	.04	.05	.05	.034	24	.05
25																											
26																											
27*																											
28*																											
29		.02	.02	.02	.02	.02	.02	.03					.05	.02	.02	.01	.01	.01	.02	.05	.09	.03	.03	.05	.028	19	.12
30	.05	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.04	.04	.04	.03	.03	.03	.03	.03	.03	.05		.05		.034	22	.07
31																											
MEAN	6	8	7	7	7	7	8	9	7	6	7	9	10	10	10	10	10	9	10	10	9	9	10	9		204	
NO	.07	.06	.06	.06	.06	.08	.10	.14	.12	.11	.04	.07	.05	.05	.04	.06	.09	.05	.04	.05	.09	.05	.05	.05	.048		.15
MAX																											

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., MAR. 22, 1967

[redacted]

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONCENTRATION IN PPM
CONDUCTOMETRIC ANALYSIS

WASHINGTON, D.C.

SULFUR DIOXIDE
SEPT. 1966

DAY OF MONTH	AM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	PM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5 MIN MAX
1			.04	.04	.05	.05	.06	.05	.04	.03	.02	.03	.03	.02	.02	.01	.01	.01	.03	.03	.03	.03	.03	.03	.032	22	.06
2				.02	.02	.02	.02	.03	.03	.03	.03	.03	.03	.03	.03	.03	.02	.02	.03	.03	.03	.03	.03	.03	.027	21	.04
3*																											
4*																											
5																											
6																											
7																											
8																											
9																											
10*		.04	.04	.05	.04	.04	.04	.05	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.05	.04	.04	.04	.041	23	.07
11*	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.040	24	.05
12	.04	.04	.04	.04	.04	.04	.04	.04	.05		.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.041	23	.05
13	.04	.04	.04	.04	.04	.04	.04	.04	.04	.02	.02	.04	.04		.01	.02	.04	.04	.04	.03	.03	.03	.03	.03	.034	23	.05
14	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.030	24	.03
15	.03	.03	.03	.03	.03	.03	.03	.03	.04	.04		.02	.02	.02	.02	.02	.02	.03	.03	.03	.03	.03	.03	.03	.028	23	.04
16	.03	.03	.03	.03	.03	.03	.05	.05	.04	.03	.03	.03	.04	.04	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.033	24	.06
17*	.03	.03	.04	.04	.04	.04	.04	.05	.05	.06	.04	.04	.04	.04	.04	.04	.04	.04	.04	.03	.03	.03	.03	.03	.039	24	.06
18*	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.040	24	.04
19																											
20																											
21																											
22																											
23																											
24*																											
25*																											
26																											
27																											
28																											
29																											
30																											
MEAN	8	9	10	11	11	11	11	11	11	10	10	11	11	10	11	11	11	11	11	11	11	11	11	11		255	
NO	.04	.04	.04	.05	.05	.05	.06	.05	.05	.06	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.05	.04	.04	.04	.041		.07
MAX																											

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., MAR. 22, 1967

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CONTINUOUS AIR MONITORING PROGRAM

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

WASHINGTON, D.C.

SULFUR DIOXIDE
OCT. 1966

CONCENTRATION IN PPM
CONDUCTOMETRIC ANALYSIS

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS	5 MIN MAX
1*												.10	.09	.09	.09	.09	.09	.08	.08	.09	.09	.10	.10	.09	.091	13	.12
2*	.09	.10	.11	.11	.10	.13	.14	.13	.11	.10	.10	.09	.10	.09	.10	.09	.09	.09	.10	.11	.11	.12	.10	.10	.106	24	.16
3	.10	.11	.11	.11	.12	.13	.17	.19	.18	.15	.11	.09	.09	.09	.10	.11	.11	.10	.12	.12	.11	.11	.12	.12	.119	24	.22
4	.13	.14	.13	.13	.13	.16	.16									.01	.01	.01	.01	.01	.01	.01	.01	.02	.066	16	.24
5	.02	.02	.02	.02	.02	.02	.02							.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.014	18	.02
6	.01	.01	.01	.01	.01	.02	.03	.02	.02	.02	.02	.02	.02	.01	.01	.01	.01	.01	.01	.01	.02	.02	.02	.02	.016	24	.06
7	.02	.02	.02	.02	.02	.04	.04	.07	.07	.06	.02	.01	.01	.01	.01	.02	.02	.02	.02	.02	.02	.02	.02	.02	.025	24	.08
8*	.02	.02	.02	.03	.03	.08	.04	.07	.07	.09	.12	.14	.06	.02	.02	.02	.02	.02	.02	.03	.03	.02	.02	.02	.042	24	.20
9*	.02	.02	.02	.02	.02	.02	.03	.04	.02	.05	.08	.08	.04	.03	.02	.02	.02	.02	.02	.01	.01	.01	.01	.01	.026	24	.15
10	.02	.02	.01	.01	.01	.02	.01	.02	.04	.04	.03	.02	.02	.02	.02	.02	.02	.02	.02	.05	.03	.02	.02	.01	.021	24	.11
11	.01	.03	.02	.03	.03	.02	.03	.04	.03	.04	.02	.02	.02	.03	.03	.02	.01	.02	.04	.05	.04	.03	.03	.04	.027	24	.07
12	.04	.07	.02	.04	.07	.07	.14	.18	.08	.03	.02	.02	.02	.02	.03	.03	.04	.05	.03	.06	.07	.08	.15	.12	.061	24	.24
13									.19	.15	.12	.08		.04	.05	.05	.06	.06	.06	.06	.05	.05	.05	.06	.075	15	.21
14	.06	.06	.06	.06	.06	.06	.06	.07	.07	.06	.06	.06	.06	.07	.06	.06	.06	.06	.06	.06	.07	.06	.06	.06	.062	24	.14
15*	.07	.08	.07	.08	.07	.06	.06	.05	.06	.08	.06	.06	.06	.06	.06	.06	.05	.05	.06	.07	.06	.06	.06	.06	.062	24	.24
16*	.06	.07	.08	.10	.10	.05	.05	.06	.05	.05	.07	.06	.06	.07	.08	.10	.10	.06	.07	.08	.06	.06	.06	.06	.069	24	.22
17	.06	.07	.07	.07	.07	.08	.10	.08	.08	.10	.08	.07		.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.064	23	.20
18	.05	.05	.05	.05	.05	.05	.06	.06	.06	.05	.05	.05	.06	.05		.05	.06	.05	.05	.05	.05	.05	.05	.05	.052	23	.14
19	.05	.05	.05	.05	.06	.05	.06	.06	.06	.06	.06	.06	.06	.05	.05	.05	.06	.05	.05	.05	.05	.05	.06	.05	.053	24	.19
20	.05	.05	.05	.05	.05	.05	.05	.05					.02	.03	.02	.02	.03	.02	.03	.05	.09	.04	.04	.04	.042	20	.17
21	.03	.04	.05	.06	.06	.06	.15	.21	.20	.16	.15	.08	.05	.02	.00	.01	.01	.01	.01	.01	.02	.02	.01	.01	.059	24	.29
22*	.01	.01	.02	.01	.01	.01	.01	.02	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.00	.01	.01	.01	.010	24	.03
23*	.02	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.00	.00	.00	.01	.01	.01	.009	24	.07
24	.01	.01	.01	.01	.01	.01	.02	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.010	24	.02
25	.01	.01	.01	.01	.02	.02	.02	.06	.12	.08	.05	.06		.03	.02	.02	.02	.03	.02	.02	.02	.02	.02	.02	.031	23	.15
26	.02	.02	.02	.02	.02	.04	.04	.06	.06	.06	.04	.03	.02	.02	.02	.02	.02	.02	.02	.03	.06	.05	.06	.05	.034	24	.11
27	.07	.06	.05	.04	.04	.07	.07	.08	.08	.19	.18	.12	.05	.03	.03	.02	.02	.02	.03	.03	.03	.04	.04	.05	.059	24	.24
28	.07	.06	.04	.04	.06	.17	.27	.24	.13	.05	.04	.07	.03	.02	.02	.02	.02	.02	.05	.08	.08	.03	.04	.03	.070	24	.35
29*	.03	.02	.02	.02	.03	.03	.04	.05	.08	.12	.03	.02	.02	.02	.02	.02	.02	.02	.01	.01	.01	.01	.01	.01	.028	24	.14
30*	.01	.01	.01	.01	.01	.02	.02	.03	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.03	.04	.05	.04	.06	.024	24	.11
31	.05	.03	.02	.03	.05	.03	.03	.04	.03	.02	.03	.02	.02	.02		.01	.03	.03	.03	.03	.03	.03	.03	.03	.029	23	.09
MEAN	.04	.04	.04	.04	.05	.05	.07	.07	.07	.07	.06	.05	.04	.04	.04	.03	.04	.03	.04	.04	.04	.04	.04	.04	.046		
NO	29	29	29	29	29	29	29	27	27	27	27	28	26	30	28	31	31	31	31	31	31	31	31	31		702	
MAX	.13	.14	.13	.13	.13	.17	.27	.24	.20	.19	.18	.14	.10	.09	.10	.11	.11	.10	.12	.12	.11	.12	.15	.12	.119		.35

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., MAR. 22, 1967

CONTINUOUS AIR MONITORING PROGRAM

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

WASHINGTON, D.C.

SULFUR DIOXIDE
NOV. 1966

CONCENTRATION IN PPM
CONDUCTOMETRIC ANALYSIS

DAY OF MONTH	AM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	PM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS	5 MIN MAX
1	.03	.02	.02	.02	.03	.02	.02	.02	.02	.02	.03	.03	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.021	24	.09
2	.02	.02	.02	.02	.02	.03	.02	.02	.03	.03	.02	.02	.02	.02	.02	.02	.02	.02	.03	.02	.04	.02	.02	.02	.022	24	.15
3	.02	.02	.02	.02	.02	.02	.02	.02	.03	.03		.02		.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.021	22	.03
4	.02	.02	.02	.02	.02	.02	.03	.03	.03	.03	.02	.02	.02	.02	.02	.02	.02	.02	.02	.03	.03	.03	.03	.03	.023	24	.06
5*	.02	.02	.03	.04	.04	.03	.03	.04	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.030	24	.07
6*	.03	.03	.03	.03	.03	.04	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.030	24	.09
7	.03	.03	.03	.03	.03	.03	.05			.07	.05	.04	.03	.03	.03	.04	.02	.02	.02	.02	.02	.02	.02	.02	.031	22	.12
8	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02			.02	.02	.02	.02	.02	.02	.02	.02	.020	22	.03
9	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.03	.02	.02	.03	.02	.02	.02	.02	.02	.02	.02	.02	.021	24	.09
10	.02	.02	.02	.02	.02	.02	.02	.02	.02	.03	.01	.02	.02	.02	.05	.02	.03	.02	.03	.03	.02	.02	.02	.02	.022	24	.31
11	.02	.02	.02	.02	.02	.02	.02	.03	.03	.02	.04	.03	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.022	24	.21
12*	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.020	24	.07
13*	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.020	24	.04
14	.02	.02	.02	.02	.02	.03	.03	.03	.03	.03	.03	.04	.03	.03	.03		.07	.07	.08	.12	.16	.20	.14	.08	.058	23	.25
15	.06	.06	.06	.04	.03	.04	.08	.16	.06	.02	.02		.02	.03	.01	.01	.00	.02	.04	.06	.06	.08	.11	.10	.049	23	.24
16	.08	.08	.12	.13					.13	.09	.09	.07	.06			.04	.06	.09	.12	.09	.06	.04	.03	.03	.078	18	.20
17	.04	.05	.03	.02	.02	.07	.08	.06	.08	.08	.07	.14	.20	.13	.12	.06	.03	.07	.08	.05	.04	.04	.04	.03	.067	24	.25
18																											
19*	.03		.02	.04	.02	.02	.02	.02			.02	.02	.01	.01	.00	.00	.01	.03	.03	.03	.02	.02	.02	.02	.020	21	.17
20*	.02	.02	.03	.04	.04	.04	.05	.05	.05	.05	.04	.04	.03	.03	.03	.03	.04	.09	.08	.06	.08	.10	.13	.15	.055	24	.16
21	.16	.19	.17	.16	.16	.22	.21	.22			.07	.03	.02	.01	.01		.01	.02	.01	.00	.00	.00	.00	.00	.078	21	.24
22	.01	.01	.00	.00	.00	.01	.05	.14	.15	.12	.10	.02	.00	.00	.01	.00	.00	.00	.00	.00	.00	.00	.01	.01	.026	24	.29
23	.05	.04	.04	.02	.01	.01	.01	.07	.14	.22	.12	.06	.04	.04	.03	.03	.01	.02	.01	.02	.01	.02	.02	.02	.044	24	.25
24	.02	.02	.01	.02	.02	.01	.01	.06	.11	.05	.04	.04	.00	.00		.00	.00	.00	.00	.01	.00	.00	.00	.02	.019	23	.20
25	.03	.03	.02	.02	.02	.02	.02	.02	.02	.03	.04					.03	.03	.04	.04	.03	.05	.02	.03	.03	.028	20	.06
26*	.05	.03	.03	.02	.02	.03	.04	.06	.03	.02	.03	.01	.01	.01	.01	.01	.02	.02	.03	.05	.06	.08	.08	.10	.035	24	.19
27*	.10	.13	.11	.10	.08	.09	.15	.18	.21	.15	.11	.09	.05	.03	.02	.02	.03	.03	.03	.04	.03	.04	.03	.03	.078	24	.25
28	.03	.03	.02	.02	.01	.03			.07	.09	.09	.08		.04	.05	.05	.06	.06	.08	.10	.11	.10	.08	.13	.063	21	.18
29	.13	.18	.10	.08	.11	.07	.09	.08	.09	.15			.03	.04	.04	.03	.03	.02	.03	.03	.03	.05	.06	.10	.070	22	.29
30																											
MEAN	.04	.04	.04	.04	.03	.04	.04	.08	.06	.06	.04	.04	.03	.03	.03	.02	.02	.03	.03	.03	.04	.04	.04	.04	.038		
NO	28	27	28	28	27	27	26	25	25	26	26	25	25	26	24	25	28	28	28	28	28	28	28	28		642	
MAX	.16	.19	.17	.16	.16	.22	.21	.22	.21	.22	.12	.14	.20	.13	.12	.06	.07	.09	.12	.12	.16	.20	.14	.15	.078		.31

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., MAR. 22, 1967

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONCENTRATION IN PPM
CONDUCTOMETRIC ANALYSIS

WASHINGTON, D.C.

SULFUR DIOXIDE
DEC. 1966

DAY OF MONTH	AM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	PM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS	5 MIN MAX
1																											
2	.03	.06	.05	.07	.10	.07	.10	.12	.11	.12	.08	.09	.09	.09	.07	.05	.05	.06	.06	.08	.06	.04	.04	.03	.072	24	.18
3*	.02	.02	.02	.04	.03	.03	.06	.06	.07	.06	.06	.04	.03	.03	.03	.03	.04	.04	.05	.05	.05	.05	.05	.05	.042	24	.08
4*	.05	.04	.04	.04	.04	.05	.05	.05	.06	.05	.04	.04	.04	.05	.06	.05	.06	.07	.08	.08	.07	.07	.08	.11	.058	24	.13
5	.13	.12	.14	.22	.20	.24	.30	.34	.37	.32	.27	.14	.21			.02	.02	.02	.03	.05	.02	.02	.01	.01	.146	22	.44
6	.01	.01	.02	.02	.02	.03	.04	.07	.14	.13	.15	.20	.20	.29	.35	.21	.13	.08	.05	.03	.03	.03	.05	.04	.097	24	.36
7	.03	.03	.03	.02	.02	.02	.04	.12	.11	.05	.04	.02	.02	.05	.05		.03	.04	.04	.03	.03	.02	.01	.01	.037	23	.16
8	.01	.02	.01	.01	.01	.01	.01	.01	.02	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.011	24	.11
9	.01	.01	.02	.01	.01	.01	.01	.02	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.00	.00	.00	.00	.00	.00	.008	24	.12
10*	.00	.01	.01	.00	.01	.01	.00	.00	.00	.00	.00	.00	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.002	24	.05
11*	.00	.01	.00	.01	.01	.00	.01	.01	.00	.00	.01	.02	.02	.02	.01	.03	.02	.02	.01	.02	.02	.02	.02	.02	.013	24	.09
12																											
13																											
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29																											
30																											
31*																											
MEAN	10	10	10	10	10	10	10	10	10	10	10	10	10	9	9	9	10	10	10	10	10	10	10	10		237	
NO	.13	.12	.16	.22	.20	.24	.30	.34	.37	.32	.27	.20	.21	.29	.35	.21	.13	.08	.08	.08	.07	.07	.08	.11	.146		.44
MAX																											

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., MAR. 22, 1967

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONCENTRATION IN PPM

FLAME IONIZATION ANALYSIS

WASHINGTON, D.C.

TOTAL HYDROCARBON
JAN. 1966

DAY OF MONTH	AM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	PM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS	5 MIN MAX
1*	2.7	2.1	2.2	2.3	2.4	2.6	2.3	2.4	2.9	3.1	2.0	1.8	1.9	1.9	1.9	2.0	2.0	2.1	2.3	2.7	2.3	2.4	2.5	2.3	2.28	24	4.1
2*	2.2	2.1	2.0	1.8	2.0		1.8	1.7	1.8	2.1	2.0	1.9	1.9	1.9	2.0	2.1	2.4	2.5	2.3	2.3	2.3	2.2	2.1	2.2	2.06	23	2.7
3	2.1	2.1	2.3	1.9	1.9	2.2	2.3	3.6	3.7	2.3	2.9		1.8	1.7	1.8	1.9	2.2	2.2	1.9	1.8	1.8	1.8	1.8	1.8	2.15	23	4.6
4	1.7	1.6	1.6	1.6	1.6	1.8	2.2	2.7	2.6	2.2	2.0	1.9	1.7	1.8	2.0	2.1	2.7	3.1	3.0	2.6	3.1	3.5	3.5	3.4	2.32	24	4.2
5	3.3	3.3	4.4	4.8	3.6	2.9	3.1	12.2	8.6	3.4	3.5	2.7	3.0	2.5	2.4	3.1	3.9	2.8	2.8	2.6	2.5	2.3	2.1	2.2	3.65	24	14.5
6	2.0	1.8	1.7	1.7	1.8	1.8	2.0	2.4	2.6	2.4	1.7	1.7	1.7	1.6	1.9	2.1	2.2	2.0	1.8	1.7	1.6	1.7	1.6	1.6	1.86	24	2.8
7	1.5	1.4	1.4	1.4	1.5	1.7	2.2	2.9	4.4	3.4	2.3	1.7	1.7	1.4	1.4	1.5	2.0	2.2	2.5	3.6	3.6	3.1	2.7	2.5	2.25	24	5.2
8*	1.6	1.3	1.1	1.1	1.0	1.0	1.0	1.1	1.1	1.1	1.1	1.0	1.0	1.0	1.0	1.1	1.0	1.1	1.1	1.0	1.0	1.0	1.0	1.0	1.06	24	2.1
9*	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.1	1.1	1.1	1.1	1.1	1.2	1.1	1.1	1.2	1.4	1.4	1.5	1.4	1.3	1.3	1.2	1.14	24	1.7
10	1.1	1.1	1.0	1.0	1.0	1.1	1.3	1.6	1.6	1.4	1.2	1.3	1.3	1.3	1.4	1.5	1.9	2.2	2.1	2.6	2.1	1.9	1.6	1.7	1.50	24	3.5
11	1.3	1.4	1.1	0.9	0.9	0.9	1.1	1.3	1.3		1.0	1.0	1.0	1.0	1.0	1.1	1.2	1.5	1.3	1.1	1.1	1.1	1.1	1.1	1.12	23	1.8
12																											
13																											
14																											
15*																											
16*																											
17																											
18																											
19																											
20																											
21																											
22*																											
23*																											
24											2.2	2.1	1.7	1.8	1.8	1.8	2.0	2.2	2.2	2.1	2.0	2.0	2.0	2.0	1.97	14	2.3
25	2.0	2.0	2.0	2.0	1.9	1.9	2.0	2.2	2.3	2.1	1.9	1.9	1.9	1.9	2.0	2.1	2.1	2.3	2.2	2.1	2.1	2.0	2.0	2.0	2.02	24	2.3
26	2.0	2.0	2.0	2.0	2.0	2.0	2.1	2.1	2.2	2.3	2.2	2.2	2.2	2.1	2.1	2.2	2.4	2.4	2.2	2.1	2.1	2.3	2.2	2.2	2.14	24	2.5
27	2.2	2.1	2.1	2.1	2.1	2.1	2.2	2.3	2.2	1.9	1.9	2.0	2.0	2.0			2.6	2.8	2.7	2.4	2.3	2.3	2.2	2.2	2.20	22	2.8
28	2.1	2.1	2.1	2.1	2.2	2.4	2.4	2.6	2.6	2.6	2.5	2.5	2.4	2.2	2.1	2.3	2.4	2.6	2.6	2.6	2.5	2.5	2.4	2.4	2.38	24	2.6
29*	2.4	2.4	2.4	2.3	2.3	2.3	2.3	2.4	2.5	2.5	2.6	2.6	2.5	2.5	2.5	2.6	2.7	3.1	2.8	2.8	2.7	2.5	2.4	2.4	2.50	24	3.2
30*	2.4	2.4	2.3	2.2	2.2	2.1	2.2	2.2	2.3	2.3	2.3	2.2	2.2	2.3	2.3	2.2	2.2	2.2	2.2	2.3	2.2	2.2	2.2	2.2	2.24	24	2.4
31	2.2	2.3	2.2	2.2	2.2	2.2	2.3	2.3	2.3	2.2	2.2	2.2	2.2	2.2	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.24	24	2.3
MEAN	2.0	1.9	1.9	1.9	1.9	1.9	2.0	2.7	2.7	2.3	2.0	1.9	1.8	1.8	1.8	1.9	2.2	2.3	2.2	2.2	2.2	2.1	2.1	2.0	2.06		
NO	18	18	18	18	18	17	18	18	18	17	19	18	19	19	18	18	19	19	19	19	19	19	19	19		441	
MAX	3.3	3.3	4.4	4.8	3.6	2.9	3.1	12.2	8.6	3.4	3.5	2.7	3.0	2.5	2.5	3.1	3.9	3.1	3.0	3.6	3.6	3.5	3.5	3.4	3.65		14.5

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., MAR. 22, 1967

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
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Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONCENTRATION IN PPM

FLAME IONIZATION ANALYSIS

WASHINGTON, D.C.

TOTAL HYDROCARBON
FEB. 1966

DAY OF MONTH	AM 12-1	AM 1-2	AM 2-3	AM 3-4	AM 4-5	AM 5-6	AM 6-7	AM 7-8	AM 8-9	AM 9-10	AM 10-11	AM 11-12	PM 12-1	PM 1-2	PM 2-3	PM 3-4	PM 4-5	PM 5-6	PM 6-7	PM 7-8	PM 8-9	PM 9-10	PM 10-11	PM 11-12	DAILY MEAN	NO OF HRS	5 MIN MAX
1	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.5	2.4	2.4	2.3	2.3	2.3	2.3	2.4	2.4	2.5	2.7	2.4	2.4	2.4	2.5	2.6	2.40	24	2.8
2	2.6	2.6	2.5	2.3	2.2	2.2	2.2	2.2	2.3	2.4	2.5	2.5	2.5	2.4	2.4	2.3	2.3	2.3	2.4	2.4	2.3	2.4	2.4	2.4	2.37	24	2.6
3	2.4	2.3	2.2	2.2	2.2	2.1	2.1	2.2	2.3	2.3	2.2	2.1	2.0	1.9	2.0	2.0	2.1	2.2	2.3	2.3	2.3	2.3	2.2	2.1	2.17	24	2.5
4	2.1	2.0	2.0	2.0	1.9	2.0	2.0	2.1	2.3	2.3		2.1	1.9		2.1	2.1	2.2	2.2	2.3	2.3	2.2	2.2	2.1	2.1	2.11	22	2.4
5*	2.1	2.1	2.1	2.1	2.2	2.1	2.1	2.2	2.2	2.2	2.1	2.0	2.0	2.1	2.1	2.1	2.1	2.2	2.2	2.3	2.3	2.2	2.2	2.2	2.14	24	2.4
6*	2.3	2.3	2.2	2.2	2.3	2.3	2.4	2.7	2.8	2.7	2.4	2.2	2.2	2.1	2.2	2.2	2.2	2.2	2.2	2.2	2.2				2.30	21	2.8
7									2.5	2.6	2.5	2.5	2.5	2.4	2.3	2.3	2.3	2.4	2.5	2.4	2.4	2.4	2.4	2.5	2.42	16	2.9
8	2.4	2.3	2.3	2.3	2.3	2.4	2.4	2.6	2.7	3.0	3.1	3.0	3.0	3.1	3.2	3.5	3.7	3.9	3.9	3.4	3.3	3.3	3.5	4.2	3.02	24	4.5
9	4.5	4.8	5.0	5.6	5.3	5.1	5.1	4.2	3.4	3.0	2.7	2.6	2.5	2.4	2.4	2.5	2.6	2.5	2.6	4.5	2.4	2.4	2.4	2.4	3.36	24	5.7
10	2.3	2.2	2.2	2.3	2.6	4.5	2.6	2.5	2.6	2.6	2.6	2.5	2.4	2.4			3.5	4.3	4.2	3.9	3.6	3.7	5.1	6.4	3.13	22	6.8
11	4.6	3.3	2.6	2.3	2.3	2.4	2.5	2.9	3.5	3.5	3.1	2.8	2.8	2.8	3.1	3.2	3.5	4.4	6.4	9.0	9.6	9.2	9.0	8.3	4.46	24	9.8
12*	7.2	5.7	4.2	3.5	3.2	3.0	3.6	4.4	5.1	5.2	4.2	3.6	3.1	2.7	2.6	2.6	2.7	2.8	2.8	2.9	2.9	2.7	2.6	2.8	3.58	24	7.6
13*	2.7	2.7	2.5	2.3	2.2	2.2	2.3	2.2	2.2	2.3	2.3	2.4	2.4	2.2	2.2	2.2	2.2	2.2	2.1	2.1	2.2	2.3	2.2	2.2	2.27	24	2.8
14	2.1	2.1	2.1	2.0	2.0	2.0	2.1	2.2	2.4	2.3	2.2	2.2	2.2		2.2	2.3	2.4	2.6	2.9	3.0	2.7	2.5	2.5	2.6	2.31	23	3.4
15	2.6	2.5	2.3	2.2	2.3	2.3	2.8	2.9	2.6	2.5	2.3	2.2		2.2	2.2	2.2	2.4	2.4	2.4	2.5	2.5	2.5	2.5	2.4	2.41	23	3.1
16	2.2	2.1	2.1	2.1	2.3	2.3				2.4	2.4	2.2			2.3	2.4	2.5	2.7	2.5	2.4	2.4	2.5	2.5	2.4	2.34	19	2.7
17	2.4	2.3	2.4	2.2	2.0	1.9	1.9	2.0	2.1		2.1	2.0	2.0	2.0	2.0	2.1	2.2	2.3	2.3	2.4	2.4	2.6	2.9	2.6	2.22	23	3.0
18	2.8	3.0	3.0	3.1	3.2	3.3	3.5	3.8	3.8	3.5	3.2	2.7	2.4	2.2	2.2	2.2						2.3	2.3		2.90	18	4.0
19*																											
20*	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.2	2.2	2.2	2.2	2.2	2.3	2.3	2.3	2.3	2.3	2.3	2.4	2.4	2.4	2.3	2.3	2.3	2.23	24	2.4
21	2.3	2.3	2.3	2.2	2.3	2.3	2.3	2.4	2.4	2.4	2.3	2.3	2.2	2.2	2.2	2.3									2.29	16	2.5
22																											
23	2.3	2.3	2.3	2.3	2.3	2.4	2.4	2.5	2.6	2.5	2.4		2.2	2.1	2.1	2.1	2.2	2.2	2.3	2.4	2.3	2.3	2.4	2.4	2.30	23	2.6
24	2.3	2.3	2.2	2.2	2.2	2.1	2.3	2.6	2.7	2.7	2.5	2.6	2.5		2.3	2.3	2.5	2.7	2.7	2.6	2.5	2.4	2.4	2.4	2.42	23	2.8
25	2.4	2.3	2.2	2.2	2.2	2.2	2.2	2.3	2.4	2.3	2.2	2.2	2.3	2.4	2.3	2.3	2.8	2.7	2.6	4.5					2.32	20	2.8
26*																											
27*	2.2	2.2	2.3								2.1	2.1	2.2	2.2	2.1	2.1	2.1	2.2	2.2	2.2	2.2	2.2	2.2	2.1	2.16	17	2.8
28	2.1	2.1	2.1	2.1	2.0	2.0	2.1	2.4	2.7	2.4	2.2			2.5	2.3	2.4	2.6	2.9	2.8	2.4	2.2	2.2	2.2	2.3	2.30	22	3.9
MEAN	2.7	2.6	2.5	2.4	2.4	2.4	2.5	2.6	2.7	2.7	2.5	2.4	2.4	2.3	2.3	2.3	2.5	2.7	2.8	2.8	2.8	2.8	2.8	2.9	2.57		
NO	24	24	24	23	23	23	22	22	23	23	24	23	22	21	24	24	23	23	23	23	22	22	22	21		548	
MAX	7.2	5.7	5.0	5.6	5.3	5.1	5.1	4.4	5.1	5.2	4.2	3.6	3.1	3.1	3.2	3.5	3.7	4.4	6.4	9.0	9.6	9.2	9.0	8.3	4.46		9.8

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., MAR. 22, 1967

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CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

WASHINGTON, D.C.

CONCENTRATION IN PPM

FLAME IONIZATION ANALYSIS

TOTAL HYDROCARBON
MARCH 1966

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS	5 MIN MAX
1	2.2	2.2	2.1	2.0	2.0	2.0	2.0	2.2	2.5	2.4	2.2	2.1	2.1	2.1	2.1	2.0	2.1	2.2	2.2	2.1	2.1	2.0	2.0	2.0	2.11	24	2.6
2	2.1	2.1	2.1	2.0	2.1	2.1	2.1	2.2	2.4	2.2	2.1	2.1	2.1		2.0	2.1	2.1	2.2	2.6	3.9	5.5	6.1	6.6	6.5	2.91	23	7.0
3	6.8	6.8	6.9	4.8	3.3	2.7	2.3	2.5	2.6	2.4	2.4	2.1	2.0	1.9		1.9	2.0	2.2	2.3	2.3	2.3	2.3	2.3	2.3	3.01	23	7.3
4	2.2	2.3	2.2	2.0	2.0	2.0	1.9	2.1	2.3	2.3	2.1	2.2	2.2	2.2	2.2	2.3	2.5	2.9	2.6	2.3	2.1	2.2	2.3	2.2	2.22	24	3.0
5*	2.1	2.0	2.0	2.0	2.0	1.8	1.8	1.9	2.0	2.0	1.9	2.0	2.0	2.0	1.9	1.8	1.8	1.9	1.9	1.9	1.8	1.8	1.8	1.8	1.89	24	2.3
6*	1.8	1.8	1.8	1.7	1.7	1.7	1.7	1.8	1.7	1.7	1.8	1.9	1.8	1.8	1.9	1.9	1.8	1.8	1.8	1.8	1.8	1.9	1.9	1.9	1.80	24	2.0
7	1.9	1.9	1.9	1.8	1.9	1.9	2.0	2.4	2.4	2.1	1.9	1.8	1.8	1.8	1.8	1.9	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.95	24	2.6
8	2.0	1.9	1.9	1.9	1.9	1.9	1.9	2.0	2.0	2.0	1.9	1.9	1.9	1.9	1.9	1.9	2.0	2.0	2.0	2.0	2.1	2.2	2.2	2.2	1.96	24	2.3
9	2.2	2.3	2.2	2.2	2.2	2.2	2.3	2.4	2.4	2.2	2.0	1.9	1.9	1.9	1.9		2.3	2.3	2.4	2.4	2.4	2.4	2.4	2.5	2.22	23	2.5
10	2.5	2.5	2.6	2.5	2.4	2.4	2.4	2.5	2.6	2.6	2.5	2.4	2.3	2.3	2.2	2.3	2.3	2.3	2.4	2.5	2.4	2.3	2.3	2.3	2.40	24	2.7
11	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.4	2.6	2.7	2.7	2.4	2.4	2.3	2.3	2.4	2.3	2.3	2.4	2.4	2.5	2.6	2.6	2.6	2.40	24	2.7
12*	2.5	2.4	2.4	2.4	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.2	2.2								2.2	1.9	1.8	1.8	2.23	17	2.5
13*	1.8	1.9	1.9	2.0	2.1	1.9	2.0	2.0	2.0	2.0	2.1	2.3	2.5												2.02	13	2.5
14											2.0	2.1	2.1	2.1	2.1	2.0	2.2	2.2	2.2	2.1	2.1	2.1	2.1	2.2	2.09	14	2.3
15	2.1	2.0	2.0	1.9	2.3	2.9	2.6	2.5	2.5	2.5	2.2	2.1	2.0	2.0	2.0	2.1	2.1	2.1	2.1	2.0	2.0	2.0	2.0	2.1	2.16	24	3.1
16	2.0	2.0	2.0	2.0	2.0	2.0	2.1	2.1	2.0	1.9	1.9	2.0	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	2.0	2.2	2.4	2.6	2.00	24	2.9
17	2.6	2.1	2.0	2.0	1.9	1.9	2.0	2.4	2.6	2.3	2.0	1.9	1.8	1.9	1.9	1.9	1.9	2.1	2.1	1.9	1.9	1.9	1.9	1.9	2.03	24	2.9
18	2.0	1.9	1.8	1.8	1.8	1.8	2.0	2.3	2.5	2.2	2.1	2.0	2.0	2.0			2.3								2.02	15	2.6
19*																											
20*	2.4	2.4	2.4	2.3	2.3	2.2	2.2	2.3	2.3	2.2	2.3	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.3	2.3	2.3	2.3	2.3	2.4	2.27	24	2.5
21	2.3	2.4	2.4	2.4	2.4	2.4	2.5	2.5	2.4	2.4	2.3	2.2	2.2	2.2	2.2	2.3	2.2	2.2	2.3	2.4	2.4	2.3	2.3	2.3	2.31	24	2.6
22	2.3	2.3	2.2	2.2	2.3	2.2	2.3	2.3	2.4	2.3	2.3				2.4	2.5	2.6	2.7	3.0	3.3	3.5	4.1	4.6	3.4	2.71	21	4.9
23	2.9	2.8	2.7	2.9	3.1	2.8	2.6	2.6	2.6	2.5	2.5	2.5	2.5	2.4	2.4	2.4	2.4	2.5	2.5	2.5	2.5	2.5	2.4	2.5	2.58	24	3.2
24	2.5	2.5	2.5	2.5	2.4	2.5	2.5	2.7	2.8	2.9	3.0	3.3	2.9	2.6	2.6	2.6	2.7	2.8	2.7	2.7	2.8	2.8	2.7	2.7	2.69	24	3.4
25	2.7	2.7	2.6	2.6	2.6	2.6	2.7	2.7	2.7	2.7		1.9	1.9	1.9	1.9	2.0	2.1	2.1	2.1	2.0	2.1	2.1	2.1	2.1	2.29	23	2.8
26*	2.3	2.3	2.3	2.3	2.2	2.7	3.0	2.8	2.3	2.1	2.0	2.0	2.0	2.2	2.4	2.2	2.0	2.1	2.1	2.2	2.2	2.1	2.0	2.0	2.22	24	3.1
27*	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.95	24	2.1
28	2.0	2.0	2.0	1.9	1.9	1.9	2.0	2.0	2.0	2.0	1.9	1.9	1.9	1.9	2.0	2.0	2.0	2.0	2.1	1.9	2.0	2.0	2.0	2.0	1.95	24	2.3
29	1.9	1.9	1.9	1.9	1.9	1.9	2.0	2.1	2.1	2.0	1.9	1.9	1.9	1.9	2.0	2.0	2.0	2.2	2.1	2.1	2.2	4.4	3.6	3.8	2.14	24	4.1
30	4.3	4.7	4.4	4.2	3.1	2.2	2.2	2.5	2.6	2.5	2.1	2.0	2.0	2.0	2.0	2.1	2.2	2.3	2.3	2.1	2.0	2.0	2.0	2.0	2.56	24	4.7
31	2.3	2.4	2.2	2.1	2.0	2.0	2.0	2.2	2.2	2.2	2.0	2.0	2.0	2.0	2.0	1.9	2.0	2.1	2.1	2.1	2.1	2.2	2.2	2.2	2.09	24	2.5
MEAN	2.4	2.4	2.4	2.3	2.2	2.2	2.2	2.3	2.3	2.2	2.1	2.1	2.1	2.0	2.1	2.1	2.1	2.2	2.2	2.3	2.3	2.4	2.4	2.4	2.24		
NO	29	29	29	29	29	29	29	29	29	29	29	29	29	26	26	26	28	27	27	27	28	28	28	28		676	
MAX	6.8	6.8	6.9	4.8	3.3	2.9	3.0	2.8	2.8	2.9	3.0	3.3	2.9	2.6	2.6	2.6	2.7	2.9	3.0	3.9	5.5	6.1	6.6	6.5	3.01		7.3

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., MAR. 22, 1967

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CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONCENTRATION IN PPM
FLAME IONIZATION ANALYSIS

WASHINGTON, D.C.

TOTAL HYDROCARBON
APRIL 1966

DAY OF MONTH	AM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	PM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS	5 MIN MAX
1	2.2		2.2	2.0	1.9	1.9	2.0	2.2	2.2	2.1	2.2	2.1	2.2	2.3	2.4	2.7	2.9	2.6	2.5	2.5	2.3	2.1	2.0	2.0	2.23	23	3.0
2*	2.0	2.0	2.0	1.9	2.0	2.0	2.0	2.0	1.9	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.1	2.1	2.1	2.0	2.1	2.1	2.1	2.01	24	2.2
3*	2.2	2.3	2.4	2.7	2.7	2.5	2.5	2.4	2.3	2.2	2.2	2.2	2.0	2.0	2.0	2.0	2.1	2.2	2.1	2.2	2.2	2.2	2.4	2.4	2.25	24	2.9
4	2.5	2.3	2.4	2.3	2.2	2.2	2.3	2.4	2.5	2.4	2.4	2.5	2.5	2.5	2.4	2.3	2.3	2.3	2.2	2.2	2.1	2.1	2.1	2.1	2.30	24	2.6
5	2.1	2.1	2.1	2.1	2.0	2.0	2.1	2.1	2.1	2.0	2.0	2.0	2.0	2.0		2.2	2.2	2.3	2.3	2.3	2.5	2.4	2.3	2.1	2.14	23	2.5
6	2.1	2.1	2.1	2.1	2.1	2.1	2.3	2.5	2.3	2.1	2.1	2.8	2.8	2.5	2.4	2.4	2.5	2.6	2.6	2.7	2.8	2.6	2.5	2.5	2.39	24	2.9
7	2.6	2.9	3.0	3.3	3.8	3.4	2.9	2.9	2.9	2.5	2.3	2.3	2.3	2.4	2.4	2.4	2.5	2.6	2.5	2.5	2.5	2.4	2.3	2.3	2.64	24	4.1
8	2.4	2.3	2.2	2.2	2.2	2.2	2.3	2.4	2.4	2.4	2.3	2.3	2.3	2.4	2.5	2.5	2.5	2.7	2.5	2.5	2.5	2.5	2.4	2.5	2.38	24	2.8
9*	2.3											2.3	2.3	2.3	2.4	2.5	2.5	2.4	2.5	2.6	2.5	2.5	2.4	2.4	2.40	14	2.6
10*	2.3											2.4	2.3	2.3	2.3	2.3	2.3	2.3	2.5	2.6	2.9	3.2	2.8	2.6	2.50	14	3.4
11	2.5	2.5	2.4	2.4	2.3	2.3	2.4	2.6	2.5	2.3	2.3	2.3	2.4	2.4	2.4	2.4	2.4	2.5	2.5	2.7	2.8	2.6	2.4	2.4	2.44	24	2.8
12	2.3	2.4	2.4	2.4	2.4	2.7	2.9	2.8	2.8	2.5	2.7	2.6	2.6	2.6	2.6	2.7	2.7	2.7	2.5	2.4	2.4	2.3	2.3	2.4	2.52	24	3.1
13	2.2	2.1	2.2	2.2	2.2	2.1	2.2	2.3	2.3	2.4	2.3	2.3	2.3	2.3	2.3	2.4	2.6	2.7	2.7	2.6	2.5	2.6	2.6	2.5	2.36	24	2.7
14	2.5	2.5	2.4	2.4	2.3	2.3	2.4	2.7	2.7	2.4		2.1	1.8	1.7	1.7	1.7	1.7	1.8	1.8	2.1	2.6	3.7	4.6	4.5	2.44	23	4.8
15	4.6	3.2	3.0	2.9	8.0	10.5	9.0	3.3	2.3	1.9	1.8	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.8	1.8	2.0	2.0	2.1	2.1	3.08	24	10.9
16*	2.2	2.3	2.5	2.8	2.2	1.9	2.2	2.2	2.1	1.8	1.7	1.7	1.7	1.8	1.8	1.8	1.8	1.8	1.8	2.0	2.3	3.0	2.8	2.9	2.11	24	3.3
17*	2.9	3.4	4.1	2.7	2.0	1.8	1.8	1.8	1.7	1.7	1.7	1.7	1.7	1.7	1.9	2.0	1.9	1.7	1.7	1.8	1.9	1.9	1.9	2.2	2.05	24	4.2
18	2.0	1.9	1.9	1.8	1.8	1.8	1.8	1.8	2.0	2.0	2.0	2.0	2.1	1.9	1.9	2.3	2.2	2.0	2.0	2.0	2.1	2.0	2.0	2.0	1.97	24	2.3
19	2.1	2.1	2.1	2.1	2.2	2.1	2.1	2.2	2.2	2.0	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.8	1.8	1.98	24	2.2
20	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.9	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.1	2.1	1.92	24	2.1
21	2.1	2.1	2.1	2.1	1.9	1.9	2.1	2.1	2.3	2.2	2.2	2.1	2.0	2.0	2.0	2.1	2.1	2.1	2.2	2.2	2.2	2.3	2.3	2.2	2.12	24	2.4
22	2.1	2.3	2.3	2.1	2.1	2.0	2.1	2.3	2.4	2.4	2.3	2.2	2.2	2.1		2.5	2.6	2.5	2.4	2.5	2.6	2.6	2.5	2.5	2.32	23	2.7
23*	2.5	2.5	2.4	2.4	2.4	2.5	2.5	2.4	2.4	2.3	2.2	2.2	2.2	2.3	2.2	2.2	2.2	2.3	2.3	2.3	2.3	2.3	2.2	2.2	2.31	24	2.6
24*	2.2	2.1	2.2	2.3	2.4	2.4	2.2	2.2	2.2	2.2	2.2	2.3	2.3	2.2	2.2	2.2	2.5	2.7	2.8	2.7	2.4	2.4	2.6	2.6	2.33	24	2.9
25	2.3										2.5	2.6	2.3	2.1	2.1	2.2	2.2	2.1	2.2	2.2	2.2	2.1	2.1	2.0	2.20	15	2.8
26	2.0	2.0	2.3	2.6	2.7	3.5	4.2	5.2	3.7	2.7	2.2	2.1	2.2	2.1	2.2	2.3	2.3	2.2	2.4	2.5	2.4	2.2	2.2	2.3	2.59	24	5.4
27	2.4	2.5	2.2	2.1	2.1	2.0	2.1	2.2	2.2	2.1	2.3	2.2	2.0	2.0	2.1	2.2	2.2	2.2	2.1	2.1	2.1	2.1	2.0	2.0	2.13	24	2.6
28	2.0	2.0	2.0	2.0	2.0	2.0	2.2	2.4	2.3	2.2	2.2	2.2	2.1	2.2	2.2	2.2	2.3	2.3	2.2	2.3	2.1	2.2	2.2	2.1	2.15	24	2.4
29	2.2	2.0	2.0	2.2	2.1	2.2	2.3	2.3	2.4		2.3	2.2	2.3	2.4	2.3	2.3	2.2	2.3	2.2	2.4	2.3	2.3	2.3	2.4	2.24	23	2.4
30*	2.3	2.2	2.1	2.1	2.2	2.1	2.2	2.3	2.3	2.1	2.1	2.1	2.2	2.1	2.1	2.2	2.2	2.2	2.3	2.3	2.3	2.4	2.5	2.6	2.23	24	2.7
MEAN	2.3	2.3	2.3	2.3	2.4	2.5	2.5	2.4	2.3	2.2	2.2	2.2	2.2	2.1	2.1	2.2	2.2	2.3	2.2	2.3	2.3	2.4	2.4	2.4	2.29		
NO	30	26	27	27	27	27	27	27	27	26	27	30	30	30	28	30	30	30	30	30	30	30	30	30		686	
MAX	4.6	3.4	4.1	3.3	8.0	10.5	9.0	5.2	3.7	2.7	2.7	2.8	2.8	2.6	2.6	2.7	2.9	2.7	2.8	3.7	2.9	3.7	4.6	4.5	3.08		10.9

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., MAR. 22, 1967

CONTINUOUS AIR MONITORING PROGRAM

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

WASHINGTON, D.C.

CONCENTRATION IN PPM

FLAME IONIZATION ANALYSIS

TOTAL HYDROCARBON
MAY 1966

DAY OF MONTH	AM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	PM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS.	5 MIN MAX
1*	2.7		2.2	2.4	2.8	2.7	2.6	2.4	2.5	2.2	2.2	2.1	2.1	2.0	2.1	2.1	2.2	2.1	2.2	2.1	2.2	2.2	2.2	2.1	2.27	23	3.0
2	2.1	1.9	2.0	2.0	2.0	2.0	2.2	2.2	2.1	2.1	2.0	2.0	2.0	1.9	1.9	1.9	2.0	2.0	2.0	2.3	2.4	2.1	2.1	2.1	2.05	24	2.4
3	2.1	2.1	2.2	2.2	2.3	2.4	2.7	2.7	2.6	2.2	2.1	2.0	2.0	2.0	2.0	2.0	2.1	2.1	2.1	2.1	2.2	2.0	2.0		2.17	24	2.7
4	2.0	2.0	2.0	2.0	2.0	2.0	2.2	2.2	2.1	2.0	2.0	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	2.1	2.3	2.9	2.9	2.07	24	3.0
5	3.1	3.2	3.2	3.0	2.9	2.9	2.6	2.6	2.3	2.0	2.0	1.9	1.9	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9	2.30	24	3.2
6	2.0	2.0	2.0	1.9	1.9	2.0	2.1	2.3	2.2	2.0			2.1	2.1	2.1	2.0	2.0	2.0	2.0	1.9	2.0	2.0	2.0	2.0	2.02	22	2.3
7*	2.0	2.0	2.0	1.9	1.9	1.9	2.0	2.0	2.0	2.0	2.0	2.0	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.94	24	2.0
8*	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9	2.0	2.0	2.0	2.0	2.1	2.2	2.0	2.0	2.00	24	2.3
9	2.0	2.0	2.0	2.0	2.0	2.0	2.1	2.1	2.1	1.9	1.9	1.9	1.9	1.9	1.9	1.9	2.0	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.94	24	2.1
10	1.9	1.9	2.0	2.0	2.0	2.0	2.1	2.1	2.0	2.0		1.9	1.8	1.9	1.8	1.8	1.8	1.8	1.8	1.9	2.1	2.1	2.3	2.2	1.96	23	2.3
11	2.3	2.3	2.3	2.5	2.8	3.1	3.8	2.7	2.4	2.0	1.9	1.8	1.8	1.8	1.8	1.9	1.9	1.8	1.9	1.9	1.8	1.8	1.8	1.8	2.15	24	4.2
12	1.8	1.8	1.7	1.8	1.8	1.9	2.1	2.3	2.3	2.1	2.0	1.9	1.9	1.8	1.9	2.0	2.1	2.0	2.0	2.0	2.1	2.3	2.3	2.2	1.99	24	2.5
13	2.4	2.1	2.1	1.9	2.0	2.2	2.6	2.5	2.0	1.8	1.6	1.6	1.6	1.6	1.7	1.7	1.8	1.7	1.7	1.7	1.7	1.6	1.7	1.5	1.86	24	2.8
14*	1.6	1.5	1.6	1.8	1.5	1.5	1.6	1.7	1.9	1.8	1.7	1.8	1.7	1.7	1.8	1.8	1.7	1.8	1.7	1.9	1.9	2.0	2.2	2.2	1.75	24	3.3
15*	2.5	2.5	2.7	2.9	2.3	2.2	2.2	1.9	1.7	1.6	1.6	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.6	1.8	2.0	2.0	1.6	1.5	1.87	24	3.0
16	1.5	1.5	1.6	1.9	2.1	2.3	2.6	2.0	1.6	1.5					1.5	1.5	1.5	1.5	1.4	1.4	1.4	1.4	1.4	1.6	1.66	20	2.8
17	1.5	1.4	1.3	1.3	1.4	1.8	1.9	1.8	1.9	1.7	1.7	1.8	1.8	1.9	1.8	1.9	1.7	1.6	1.7	1.8	1.9	1.6	1.5	1.6	1.67	24	2.2
18	1.6	1.4	1.4	1.4	1.5	1.6	1.8	1.9	1.7	1.6	1.7	2.0	1.7		1.8	1.7	1.6	1.6	1.6	1.6	1.6	1.7	1.7	1.5	1.64	23	2.2
19	1.5	1.6	1.6	1.5	1.5	1.7	1.9	2.6	2.4	2.1	1.8	1.7	1.6	1.8	1.8	1.8	1.7	1.7	2.0	4.5	2.3	2.7	3.0	2.9	1.97	24	3.2
20	2.9	3.5	3.4	2.4	2.4	2.5	2.7	2.5	2.3	1.9	1.5	1.5	1.5	1.7	1.6	1.5	1.6	1.8	1.8	2.0	1.8	2.2	2.3	2.3	2.13	24	4.2
21*	2.2	2.0	2.2	3.6	5.3	5.9	5.0	5.4	4.4	2.2	2.2	2.0	1.7	1.7	1.7	1.7	1.6	1.6	1.7	1.7	1.7	1.9	1.8	1.9	2.62	24	6.5
22*	1.6	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.6	1.6	1.6	1.5	1.5	1.5	1.5	1.5	1.6	1.8					1.53	20	2.0
23		7.8	7.2	4.3	7.0	8.5	7.3	6.4	5.2	3.4	2.0	1.8	1.7	1.6	1.6	1.9	1.9	1.7	1.6	1.6	1.6	1.6	1.6	1.7	3.50	23	9.0
24	1.6	1.6	1.9	2.2	2.0	2.5	2.9	3.4	2.1	1.7	1.7	1.6	1.6	1.6	1.6	1.9	1.7	1.6	1.6	1.6	1.6	1.6	1.7	1.6	1.87	24	3.9
25	1.6	1.7	2.4	1.9	1.8	1.9	2.1	2.2	2.1	1.9	1.8	1.8	1.8	1.8	1.7	1.7	1.7	1.8	1.8	1.9	2.1	2.0	1.9	2.2	1.89	24	2.7
26	2.0	2.2	2.1	1.8	1.7	2.0	2.3	2.2	2.1	2.1	2.2	2.0	2.0	1.8	1.9	1.9	1.9	1.8	1.7	1.9	1.8	1.7	1.8	1.8	1.93	24	2.5
27	1.6	1.6	1.6	1.6	1.7	1.8	2.2	2.6	2.4	2.1	2.1	2.2	2.0	1.8	1.8	1.8	1.9	1.7	1.7	1.8	1.9	2.0	1.8	1.8	1.89	24	2.6
28*	2.0	2.7	2.2	1.9	1.8	2.1	2.2	2.5	2.2	2.0	2.0	2.0	1.9	1.7	1.8	1.8	1.7	1.7	1.7	1.7	1.8	1.8	1.8	2.1	1.95	24	2.9
29*	1.9	2.0	1.8	1.7	1.8	2.5	2.2	1.8	1.7	1.7	1.7	1.6	1.6	1.6	1.6	1.6	1.5	1.5	1.5	1.7	1.8	1.7	1.6	1.6	1.74	24	4.0
30	1.6	1.5	1.4	1.4	1.4	1.4	1.5	1.5	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.6	1.7	1.9	2.0	1.8	1.50	24	2.4
31	2.0	1.9	1.6	1.6	1.6	1.8	2.3	2.7	2.4	2.4	2.1	2.0	1.9	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.06	24	2.8
	2.0	2.2	2.2	2.1	2.2	2.4	2.9	2.9	2.2	2.0	1.9	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.9	1.9	2.0	1.9	2.0	2.00		
MEAN	30	30	31	31	31	31	31	31	31	31	28	29	30	29	31	31	31	31	31	31	30	30	30	30		730	
NO.	3.1	7.8	7.2	4.3	7.0	8.5	7.3	6.4	5.2	3.4	2.2	2.2	2.1	2.1	2.1	2.1	2.2	2.1	2.2	4.5	2.4	2.7	3.0	2.9	3.50		9.0
MAX																											

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., MAR. 22, 1967

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CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONCENTRATION IN PPM

FLAME IONIZATION ANALYSIS

WASHINGTON, D.C.

TOTAL HYDROCARBON
JUNE 1966

DAY OF MONTH	AM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	PM 12-1	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS	5 MIN. MAX
1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.2	2.2	1.9	1.8	1.8	1.8	1.8	1.6	1.6	1.7	1.6	1.7	1.8	2.1	2.4	2.7	2.6		1.99	24	3.5
2	2.5	2.2	2.0	1.8	1.8	1.9	2.1	2.1	1.8	1.6	1.5	1.5	1.6	1.5	1.6	1.6	1.6	1.6	1.6	1.9	2.4	2.6	2.5	2.3		1.89	24	2.8
3	2.2	2.1	2.0	1.8	1.7	1.9	2.3	2.2	2.0	1.8	1.8	1.8	1.7	1.8	1.8	1.9	2.0	2.0	2.1	2.3	2.3	2.4	2.5	2.1		2.00	24	2.8
4*	2.2	3.6	2.7	2.2	2.1	2.0	2.2	2.2	2.1	2.2	2.1	1.7	1.7	1.7	1.7	1.8	1.8	1.9	1.9	4.5	2.3	2.1	2.5	2.2		2.12	24	4.9
5*	2.8	3.0	2.3	2.0	1.9	2.2	2.3	2.1	1.9	1.9	2.0	2.0	1.9	1.8	1.8	1.8	1.9	1.7	1.8	2.1	2.0	2.0	2.3	2.2		2.06	24	3.3
6	2.3	2.2	2.4	2.1	1.9	2.0	2.1	2.5	2.2	1.9	2.0	1.9	1.8	1.8	1.8	2.2	2.2	2.2	2.2	2.0	2.3	2.1	2.0	1.9		2.07	24	2.7
7	1.8	1.7	1.8	1.8	1.9	2.1	2.3	2.4	2.2	2.1	2.1	1.9	1.8	1.9	2.0	2.1	2.1	2.0	2.0	2.4	4.2	5.0	4.0	3.0		2.34	24	7.0
8	2.9	2.8	3.0	3.0	2.8	3.5	4.0	3.5	3.4	3.0	2.1	1.9	1.9	1.9	2.1	2.1	2.3	2.4	2.1	2.3	2.3	4.5	2.2	2.0		2.57	24	4.4
9	2.0	2.0	2.2	2.3	2.5	2.7	3.3	3.6	2.5	2.0	1.8	1.8	1.9	1.8	1.8	1.9	2.0	2.0	2.2	2.3	2.1	1.8	1.6	1.5		2.13	24	3.9
10	1.5	1.4	1.4	1.4	1.4	1.6	1.9	2.2	2.0	1.9	1.8	1.9	1.9		2.5	2.6	2.6	2.4	2.4	2.4	2.4	2.3	2.3	2.3		2.02	23	2.7
11*	2.4	2.4	2.3	2.4	2.4	2.3	2.4	2.3	2.4	2.3	2.3	2.2	2.2	2.2	2.1	2.1	2.1	2.1	2.2	2.2	2.3	2.4	2.3	2.3		2.26	24	2.6
12*	2.3	2.4	2.4	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.2	2.2	2.1	2.2	2.2	2.1	2.2	2.3	2.4	2.3	2.3	2.2		2.27	24	2.5
13	2.2	2.2	2.3	2.2	2.2	2.3	2.4	2.5	2.4	2.3	2.3	2.2	2.1	2.0	2.0	2.1	2.1	2.1	2.3	2.3	2.3	2.4	2.5	2.4		2.24	24	2.6
14	2.3	2.2	2.2	2.2	2.4	2.4	2.5	2.6	2.5	2.4	2.4	2.2	2.2	2.2	2.1	2.5	3.0	2.8	2.5	2.2	2.2	2.3	2.4	2.3		2.36	24	3.1
15	2.3	2.2	2.2	2.2	2.4	2.8	3.1	2.8	2.5	2.3	2.1	2.0	2.1	2.1	2.1	2.1	2.2	2.1	2.0	2.3	2.9	4.1	5.8	7.5		2.75	24	8.9
16	10.7	8.9	5.8	4.0	3.3	3.0	3.0	2.7	2.5	2.3	2.1	2.2	2.1	2.1	2.1	2.2	2.4	2.2	2.1	2.1	2.5	2.5	2.5	2.4		3.23	24	12.1
17	2.3	2.1	2.0	2.0	2.0	2.2	2.4	2.6	2.7	2.5	2.5	2.5	2.2	2.5	2.5	2.4	2.4	2.3	2.4	2.6	2.4	2.5	2.6	2.4		2.36	24	2.8
18*	2.6	2.7	2.8	2.6	2.3	2.5	2.5	2.3	2.2	2.1	1.9	1.9	1.9	1.9	2.0	2.0	2.1	2.1	2.0	2.1	2.2	2.3	2.3	2.5		2.23	24	2.9
19*	2.4	2.4	2.6	2.5	3.0	2.9	2.5	2.6	2.5	2.0	2.0	1.9	1.9	1.9	1.9	1.9	1.8	1.8	1.9	1.9	2.1	2.2	2.4	3.0		2.24	24	3.9
20	3.3	3.6	2.6	2.3	2.3	2.7	2.8	2.9	2.7	2.5	2.4	2.3	2.4	2.7	2.4	2.6	2.5	2.3	2.2	2.2	2.2	2.3	2.2	2.3		2.52	24	3.8
21	2.2	2.2	2.3	2.2	2.4	2.5	2.9	3.7	2.9	2.4	2.2	2.2	2.1	2.0	2.1	2.1	2.2	2.2	2.5	2.9	3.9	4.4	5.6	7.0		2.87	24	7.5
22	6.4	3.5	2.9	2.5	2.3	2.5	2.7	2.4	2.2	2.1	2.0	1.9	1.9	1.9	1.9	2.0	2.0	2.0	2.0	2.1	2.3	4.5	2.4	2.2		2.43	24	7.3
23	2.1	2.4	3.8	2.5	3.0	2.8	3.0	3.0	2.5	2.3	2.1	2.0	2.1	1.9	2.0	1.9	1.8	1.8	1.9	2.1	2.5	2.6	3.3	2.9		2.42	24	4.7
24	2.5	2.4	2.2	2.2	2.4	2.6	2.7	2.7	2.6	2.3	2.1	2.0	2.0			2.1	2.2	2.2	2.3	2.6	2.9	2.7	2.6	2.5		2.39	22	3.1
25*	2.4	2.2	2.3	2.4	2.5	2.7	2.7	2.6	2.4	2.3	2.1	2.1	2.0	2.0	2.1	2.1	2.1	2.3	2.2	2.3	3.1	3.4	3.7	3.3		2.45	24	4.3
26*	3.6	3.2	2.7	2.6	2.4	2.4	2.3	2.3	2.3	2.2	2.2	2.2	2.3	2.2	2.1	2.1	2.1	2.1	2.2	2.3	2.3	2.2	2.2	2.1		2.35	24	3.9
27	2.2	2.1	2.1	2.2	2.2	4.4	2.9	3.3	2.8	2.6	2.5	2.4	2.4		1.7						2.7	2.9	1.9	1.3		2.36	18	3.6
28	1.2	1.2	1.2	1.2	1.3	1.4	1.7	1.7	1.7	1.7	1.8	1.9	1.7	1.5	1.4	1.4	1.7	1.9	2.3	2.1	1.4	1.8	1.6	1.5		1.60	24	2.4
29	1.5	1.4	1.2	1.2	1.3	1.5	1.9	2.3	1.8	1.4	1.3	1.2	1.5			1.6	1.5		1.5	1.9	2.4	4.4	2.2	1.9		1.65	21	2.7
30	1.8	1.7	1.6	1.5	1.5	2.0	2.2	2.1	1.6	1.4	1.3	1.2	1.6	1.7	1.7	1.8	1.9	1.8	2.0	2.1	2.2	2.6	2.8	2.5		1.85	24	2.9
MEAN	2.7	2.5	2.4	2.2	2.2	2.3	2.5	2.5	2.3	2.1	2.0	2.0	2.0	2.0	2.0	2.0	2.1	2.0	2.1	2.2	2.4	2.6	2.7	2.6		2.27		
NO.	30	30	30	30	30	30	30	30	30	30	30	30	30	26	28	28	29	29	29	29	30	30	30	30			708	
MAX	10.7	8.9	5.8	4.0	3.3	3.5	4.0	3.7	3.4	3.0	2.5	2.5	2.4	2.7	2.5	2.6	3.0	2.8	2.5	2.9	4.2	5.0	5.8	7.5		3.23		12.1

* Indicates Saturday or Sunday
Loc. Standard time used

TABULATED WED., MAR. 22, 1967

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CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

WASHINGTON, D.C.

CONCENTRATION IN PPM
FLAME IONIZATION ANALYSIS

TOTAL HYDROCARBON
JULY 1966

DAY OF MONTH	AM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	PM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS.	5 MIN. MAX.
1	2.7	2.8	3.1	3.0	2.7	2.9	3.1	3.0	2.8	2.4	2.5	2.3	2.3	2.5	2.6	2.5	2.5	2.4	2.6	2.7	2.9	2.7	2.9	3.2	2.69	24	3.4
2*	3.7	4.3	3.9	3.8	3.0	3.0	3.1	2.9	2.5	2.3	2.0	2.0	2.0	1.9	1.9	1.8	1.8	1.8	2.0	2.0	2.1	2.2	2.1	2.1	2.50	24	4.6
3*	2.1	2.1	2.3	2.8	2.6	2.2	2.3	2.1	2.3	2.2	2.2	2.1	1.9	1.8	1.7	1.8	1.9	1.9	1.8	1.9	2.1	2.2	2.0	2.0	2.09	24	2.9
4	2.1	2.1	2.5	2.9	2.8	2.5	2.5	2.2	2.2	2.1	1.9	1.9	2.0	1.9	2.0	2.0	2.0	2.0	2.1	2.3	2.7	2.5	2.5	2.2	2.23	24	3.0
5	2.2	2.2	2.0	2.0	2.0	2.0	2.1	2.1	2.0	2.2	2.1	1.9	2.0	2.4	2.3	2.2	2.0	2.0	1.8	1.9	2.6	2.6	2.2	2.8	2.14	24	3.7
6	2.8	2.7	2.7	3.4	3.6	3.4	3.3	3.3	2.8	2.1	2.0	1.8	1.8	1.8		2.1		2.1	2.4	2.4	2.3	2.2	2.4	2.4	2.53	22	3.7
7	2.1	2.0	2.0	2.1	2.1	4.6	3.2	2.4	2.0	1.8	1.8	1.8	1.8	1.7	1.8	1.9	1.9	2.0	2.0	2.2	2.0	1.9	1.9	2.0	2.02	24	3.4
8	1.8	1.8	1.7	1.6	1.7	2.0	2.6	2.4	2.0	2.0	2.0	1.8	1.8	1.8	1.7	1.9	1.9	1.8	1.8	2.0	2.1	2.1	2.2	2.4	1.94	24	3.0
9*	2.3	2.3	2.1	2.1	2.0	2.1	2.2	2.0	1.6	1.6	1.5	1.6	1.6	1.6	1.7	1.8	1.7	1.8	1.8	2.0	2.4	4.4	2.1	2.0	1.91	24	2.4
10*	1.9	1.8	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.8	2.0	1.9	1.8	1.7	1.7	1.7	1.7	1.7	1.7	1.9	2.1	2.1	2.0	2.1	1.81	24	2.2
11																											
12																											
13	1.9	1.9	2.0	1.9	2.1	2.6	2.2	2.1	2.0	1.9	1.9	1.9	1.9	1.9	1.9	2.0	2.0	1.9	2.0	2.1	2.1	2.2	2.2	2.0	1.99	17	2.3
14	2.0	2.0	1.9	1.9	1.9	2.0	2.1	1.9	1.9	1.8	1.8	1.8	1.8	1.9	1.9	1.9	1.9	1.9	1.9	2.0	2.2	2.2	2.0	2.1	1.98	24	3.0
15							2.1	2.1	2.1	1.9	1.9	1.8	1.8	1.8	1.8										1.94	15	2.4
							2.0	2.0	2.0	2.0		1.9	1.9	1.8	1.8	1.8	1.8	1.8	1.8	2.0	2.2	2.3	2.2	2.2	1.96	17	2.3
16*	2.0	1.9	1.9	1.9	1.8	1.8	1.8	1.8	1.9	1.9	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.9	1.9	1.9	1.9	1.8	1.84	24	2.1
17*	1.8	1.9	1.8	1.9	1.9	2.0	1.8	1.9	1.8	1.8	1.8	1.8	1.9	1.8	1.8	1.8	1.8	1.8	1.8	1.9	1.8	1.8	1.9	1.8	1.83	24	2.0
18	1.9	1.9	1.8	1.8	1.8	1.9	2.1	2.0	2.0	2.0	2.2	2.3	2.1	2.1	2.1	2.2	2.2	1.9	1.9	1.9	2.0	1.9	2.0	2.0	1.99	24	2.4
19	2.0	2.2	2.0	1.9	1.9	2.1	2.3	2.3	2.2	2.2	2.2	2.1	2.1	2.1	2.2	2.4	2.3	2.0	1.9	1.9	2.1	2.2	2.0	3.1	2.15	24	4.4
20	2.0	1.9	1.9	1.8	1.8	2.0	2.0	2.0	1.8	1.7	1.8	1.7	1.7	1.7	1.8	1.9	1.9	1.9	1.9	2.0	2.2	2.1	2.1	2.1	1.89	24	2.4
21	2.0	1.9	1.9							2.3	2.1	1.9	1.8	1.6	1.7	1.9	1.8	1.7	1.7	1.8	2.2	2.2	2.2	2.3	1.93	18	2.6
22	2.1	2.0	2.1	2.0	2.1	2.3	2.7	2.6	2.5	2.3	1.8	1.6	1.6	1.6	1.6	1.7	1.8	1.8	1.8	1.8	1.7	1.7	1.8	1.7	1.92	24	2.9
23*	1.8	1.7	1.7	1.7	1.7	1.9	1.9	2.0	2.0	1.7	1.7	1.6	1.5	1.5	1.6	1.6	1.5	1.5	1.5	1.6	2.0	1.9	1.8	1.7	1.70	24	2.4
24*	1.7	1.6	1.6	1.6	1.7	1.7	1.7	1.7	1.6	1.8	1.7	2.6	2.1	1.8	1.7	1.7	1.6	1.7	1.7	1.7	2.0	1.8	1.8	1.6	1.75	24	3.0
25	1.6	1.6	1.7	1.6	1.5	1.6	1.9	2.1	2.0	1.9	1.8	1.9	1.9			2.0	2.0	1.8	1.8	1.8	1.8	1.8	1.7	1.7	1.79	22	2.2
26	1.7	1.6	1.6	1.6	1.6	1.8	2.0	2.2	2.2	2.1	1.9	1.7	1.7	1.7	1.7	1.8	1.9	1.8	1.8	2.1	2.4	2.2	3.2	3.2	1.97	24	3.5
27	2.2	2.0	1.9	2.0	1.9	2.3	2.7	2.5	2.3	2.1	2.0	1.9	1.8	1.8	1.9	1.9	1.9	1.9	1.8	1.7	1.8	1.9	2.2	2.5	2.03	24	2.8
28	2.0	1.6	1.4	1.4	1.4	1.5	1.7	1.8	1.7	1.7	1.7	1.8	1.9		2.8	2.6	2.6	2.4	2.1	2.1	2.2	2.2	2.2	2.2	1.95	23	3.0
29	1.9	1.8	1.7	1.8	1.9	2.4	3.1	3.8	2.8	2.1	2.0	2.0	2.0	2.1	2.1	2.2	2.4	2.1	2.1	4.4	2.2	2.1	2.3	2.0	2.21	24	4.3
30*	2.1	2.1	2.0	1.9	1.7	1.7	1.8	1.9	2.0	2.0	2.0	2.1	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.1	2.2	4.4	2.9	2.7	2.05	24	3.1
31*	2.3	2.3	2.3	2.2	2.1	2.6	2.5	1.9	1.8	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7			3.7	3.3	3.3	3.3	3.0	2.26	22	3.9
MEAN	2.1	2.1	2.0	2.1	2.0	2.2	2.3	2.2	2.1	2.0	1.9	1.9	1.9	1.8	1.9	2.0	1.9	1.9	1.9	2.1	2.2	2.2	2.2	2.2	2.03		
NO.	28	28	28	27	27	27	28	29	29	30	29	30	30	28	28	29	28	28	28	29	29	29	29	29		684	
MAX	3.7	4.3	3.9	3.8	3.6	3.4	3.3	3.8	2.8	2.4	2.5	2.6	2.3	2.5	2.8	2.6	2.6	2.4	2.6	3.7	3.3	3.3	3.3	3.2	2.69		4.6

* Indicates Saturday or Sunday
Local standard time used

TABULATED

WED., MAR. 22, 1967

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CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONCENTRATION IN PPM

FLAME IONIZATION ANALYSIS

WASHINGTON, D.C.

TOTAL HYDROCARBON
AUG. 1966

DAY OF MONTH	AM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	PM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5 MIN MAX
1	2.6	2.8	2.6	2.5	2.4	2.4	2.5	2.7	2.5	2.4	2.3	2.1	2.1	2.1	2.1	2.0	2.1	1.9	2.0	2.1	2.0	1.9	1.9	1.9	2.23	24	2.9
2	1.9	1.9	1.9	2.0	1.8	1.9	2.1	2.1	2.2	2.2	2.2	2.1	2.2	2.6	2.2	2.3	2.2	2.1	2.0	2.0	2.0	2.2	2.2	1.8	2.08	24	3.1
3	1.7	1.7	1.7	1.7	1.7	1.8	2.0	1.9	2.2	2.1	1.9	1.9	1.8	1.8	1.8	1.9	1.9	1.9	1.9	1.9	2.0	2.1	2.1	2.1	1.88	24	2.8
4	2.5	2.6	3.7	3.3	3.6	3.4	3.6			2.5	2.1	2.0	1.8	1.7	1.7	1.9	1.8	1.9	1.9	1.9	1.8	1.9	1.9	2.1	2.33	22	4.1
5	1.9	1.9	1.9	1.8	1.8	2.0	2.2	2.3	2.1	2.0	2.0	2.1	2.1	2.1	2.2	2.1	2.3	2.1	2.0	2.3	3.0	2.9	3.0	3.0	2.21	24	3.2
6*	2.7	3.0	3.1	3.3	3.2	3.4	3.4	3.2	3.5	3.6	2.2	2.1	2.0	1.9	2.0	2.1	2.1	2.1	2.2	2.2	2.3	2.4	2.3	2.3	2.60	24	3.9
7*	2.3	2.5	2.6	2.7	2.8	4.2	4.6	3.9	2.6	2.3	2.7	2.4	2.2	2.1	2.0	2.0	1.9	1.9	1.9	1.9	1.9	1.9	2.0	2.0	2.46	24	4.9
8	2.0	2.0	2.1	2.1	2.1	2.?	2.6	3.3	3.5	3.2	2.6	2.2	2.1	1.9	1.9	1.9	2.1	2.1	2.2	2.2	2.1	2.0	2.0	2.2	2.27	24	3.5
9	2.1	2.0	2.0	2.0	2.0	2.1	2.3	2.5	2.6	2.4	2.3	2.2	2.0	2.0	2.0	2.1	2.2	2.2	2.3	2.4	2.7	2.7	2.7	3.0	2.28	24	3.2
10	3.0	2.7	2.4	2.2	2.2	2.1	2.2	2.4	2.9	2.9	2.5	2.3	2.2	2.1	1.9	2.0	2.1	2.0	2.0	2.1	2.1	2.1	2.1	2.2	2.27	24	3.2
11	1.9	1.9	1.9	1.7	1.8	1.9	2.2	2.3	2.0	1.9	1.9	1.9	1.9	1.9			2.1	2.2	2.1	2.1	2.2	2.1	2.2	2.1	2.00	22	2.4
12	1.8	1.8	1.7	1.7	1.8	1.9	2.1	2.1	2.1	2.1	1.8	6.2	4.2	2.7	2.5	2.4	2.3	2.3	2.3	2.3	2.3	4.4	2.5	2.6	2.39	24	11.1
13*	2.6	2.6	2.5	2.4	2.3	2.4	2.4	2.3	2.2	2.1	2.1	2.0	2.1	2.1	2.1	2.1	2.1	2.1	2.2	2.2	2.2	2.3	2.4	2.5	2.24	24	2.7
14*																											
15		2.2	2.1	2.1	2.1	2.1	2.5	2.8	2.6	2.7	2.8	2.6	2.4	2.3	2.2	2.1	2.1	2.1	2.4	2.2	2.3	2.2	2.3	2.3	2.32	23	4.4
16	2.7	3.1		3.5	3.9	9.0	4.3					2.2	1.9	1.8		2.5	2.0	1.7	1.7	1.8	1.8	1.7	1.7	1.9	2.50	18	5.3
17	1.7	1.6	1.6	1.6	1.6	1.7	2.0			1.6	1.7	1.7	1.7	1.7		2.2	2.1	2.1	2.1	3.0	2.9	2.9	2.8	2.7	2.04	21	3.3
18	2.7	2.7	2.6	2.8	2.7	2.7	2.9	3.1	2.8		2.3	2.2	2.1	2.1	2.1		2.1	2.1	2.2	4.4	2.6	2.4	2.2	2.3	2.45	22	3.1
19	2.5	2.4	2.2	2.2	2.2	4.4	2.5		2.4		2.3	2.1	1.9	2.0	2.0	2.3	2.2	2.1	2.2	2.5	2.6	2.6	2.6	2.6	2.31	22	2.8
20*	2.3	2.2		2.1		2.1	2.1	2.1	2.0	2.1	2.2	2.1	2.0	1.9	2.0	2.1		2.1	2.1	2.2	2.2	2.0	2.0	2.0	2.08	21	2.5
21*	2.0	1.9	1.9	1.9	1.8	1.8	1.8	1.9	1.9	1.8	1.8	1.8	1.8	1.7	1.8	1.8	1.8	1.9	2.0	1.9	2.0	2.0	1.9	1.8	1.85	24	2.2
22	1.7	1.6	1.7	1.7	1.7	1.9	2.3	2.4	2.1			2.1	1.8	1.9	2.3	2.2	2.1	2.0	1.9	2.2	2.0	1.9	1.9	1.8	1.96	22	2.7
23	1.8	1.9	1.7	1.7	1.7	1.9	2.4	3.0	2.5				2.0	2.1		2.2	2.1	2.0	2.0	2.1	2.0	2.0	2.1	2.2	2.05	20	3.2
24	2.2	2.0	1.9	1.9	1.9	2.1	2.3	2.3	2.1	1.9		1.7	1.6		1.8	2.0	1.8	1.8	1.9	2.1	2.1	2.2			1.97	20	2.4
25	2.7	2.5	2.4	2.3	2.4	2.7	2.9	2.7	2.3		2.0	1.9	2.0	1.9		1.9	2.0	2.0	2.0	2.4	2.4	2.5	2.7	2.9	2.34	22	3.2
26	2.6	2.2	2.1	2.1	2.1	2.2	2.5	2.5	2.4	2.1	2.0	2.1	2.0	2.0	2.1	2.2	2.2	2.1	2.2	2.3	2.3	2.2	2.1	2.3	2.19	24	2.9
27*	2.4	2.4	2.6	2.5	2.4	2.4	2.4	2.5	2.4	2.3	2.2	2.1	2.0	2.0	2.0	2.0	2.0	2.1	2.2	2.4	2.6	2.7	2.6	2.8	2.33	24	2.9
28*	2.7	2.5	2.4	2.3	2.3	2.3	2.3	2.3	2.2	2.1	2.1	2.1	2.1	2.1	2.0	2.0	2.0	2.0	2.2	2.4	2.5	2.6	2.6	2.9	2.28	24	3.1
29	3.3	3.7	4.3	4.4	4.1	3.8	3.9	3.4	3.4	3.3	3.7	2.7	1.9	1.9	1.9	1.9	2.1	2.3	2.2	2.1	2.1	2.2	2.2	2.1	2.86	24	4.5
30	2.1	2.1	2.2	2.1	2.1	2.2	2.4	2.7	2.6	2.4	2.4	2.1	2.0	2.1	2.1	2.1	2.2	2.2	2.1	2.2	2.1	2.1	2.2	2.1	2.19	24	2.7
31	2.0	2.1	2.3	2.4	2.2	2.2	2.5			2.4	2.3	2.3	2.2	2.1	2.2	2.2	2.3	2.3	2.5	2.9	3.3	3.8	3.4	3.1	2.49	22	4.0
MEAN	2.3	2.3	2.3	2.3	2.3	2.4	2.6	2.6	2.5	2.3	2.2	2.2	2.1	2.0	2.0	2.1	2.1	2.1	2.1	2.2	2.3	2.3	2.3	2.3	2.25		
NO	29	30	28	30	29	30	30	25	26	24	26	29	30	29	25	28	29	30	30	30	30	30	29	29		685	
MAX	3.3	3.7	4.3	4.4	4.1	5.0	4.6	3.9	3.5	3.6	3.7	6.2	4.2	2.7	2.5	2.5	2.3	2.3	2.5	3.0	3.3	3.8	3.4	3.1	2.86		11.1

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., MAR. 22, 1967

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONCENTRATION IN PPM

FLAME IONIZATION ANALYSIS

WASHINGTON, D.C.

TOTAL HYDROCARBON
SEPT. 1966

DAY OF MONTH	AM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	PM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5 MIN MAX
1	3.0		3.7	4.7	4.2	3.5	3.2	2.8	2.6	2.4	2.4	2.4	2.3	2.2	2.1	2.1	2.2	2.3	2.5	2.6	2.7	2.8	3.1	3.7	2.84	23	4.8
2	3.4	2.7	2.3	2.0	2.0	2.2	2.4	2.4	2.4	2.2	2.1	2.1	2.2	2.0		2.0	2.1	2.4	2.9						2.31	18	3.8
3*											2.0	1.9	1.8	1.8	1.8	1.9	2.0	2.1	2.6	2.8	2.4	2.1	2.2	2.1	2.09	14	3.0
4*	2.0	2.0	1.9	1.9	1.9	1.9	1.9	2.1	2.0	1.9	1.9	1.8	1.8	1.8	1.7	1.8	1.9	2.1	2.3					2.1	1.93	20	2.6
5	1.9	1.8	1.8	1.9	2.0	1.9	2.4	2.5		1.7	1.6	1.7	1.6	1.6	1.6	1.6	1.9	1.9	1.9	1.9	1.9	1.9	2.0	2.2	1.87	23	2.6
6	2.3	2.6	2.5	2.6	2.7	2.7	2.8			2.5	2.2	2.0	2.0	1.9	2.0	2.0	2.0	2.0	2.1	2.2	2.2	2.2	2.2	2.1	2.25	22	2.8
7	2.1	2.2	2.1	2.1	2.1	2.2	2.4	2.3	2.2	2.1	2.0	1.9	2.0	1.9	2.0	2.0	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.09	24	2.4
8	2.0	2.1	2.1	2.1	2.0	2.1	2.3	2.3	2.2	2.1	2.0	2.0	2.0	2.0	2.0	2.0	2.1	2.0	2.1	2.2	2.3	2.4	2.6	2.7	2.14	24	2.8
9	2.6	2.4	2.3	2.3	2.2	2.2	2.4	2.4	2.4	2.2	2.0	2.0	1.9	1.9	1.9	2.0	2.0	2.0	2.1	4.6	3.3	4.2	4.3	3.5	2.45	24	4.4
10*	2.7	2.4	2.3	2.2	2.2	2.3	2.5	2.4	2.2	2.1	2.1	2.1	2.0	2.0	2.0	2.0	2.0	2.0	2.2	2.5	2.7	3.0	3.4	3.0	2.34	24	3.4
11*	2.9	3.0	3.0	2.8	2.6	2.6	2.6	2.6	2.5	2.3	2.2	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.1	2.2	2.6		4.0	3.5	2.49	23	4.1
12	2.9	2.6	2.5	2.4	2.4	2.5	2.9	3.1	2.9	2.5			2.1	2.1	2.1	2.1	2.2	2.1	2.1	2.1	2.0	2.0	2.0	2.0	2.34	22	3.2
13	2.0	2.0	2.1	2.3	2.2	2.2	2.3	2.5	2.4	2.2	2.1	2.0	2.1	4.9	5.1	3.3	2.7	2.4	2.2	2.3	2.3	2.1	2.2	2.2	2.49	24	6.7
14	2.0	1.9	2.0	1.9	1.9	1.9	2.0	2.1	2.0	2.0	2.0	1.9	2.0	1.9	2.1	2.0	2.1	2.2	2.0	1.9	1.9	1.8	1.8	1.8	1.95	24	2.2
15	1.8	1.8	1.8	1.8	1.8	1.8	1.9	2.1	2.1	2.0	1.9	1.9	1.9	1.8	1.8	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.8	1.88	24	2.2
16	1.8	1.9	1.9	1.9	1.9	2.0	2.7	3.1	2.9	2.5	2.3	2.2	2.1	2.1	2.1	2.2	2.2	2.2	2.3	2.7	3.6	4.7	5.3	5.8	2.67	24	6.3
17*	7.0	7.4	7.7	5.8	4.3	3.8	4.3	4.4	3.9	3.4	2.7	2.4	2.2	2.2	2.3	2.4	2.3	2.2	2.2	2.2	2.3	2.5	2.7	3.3	3.57	24	8.1
18*											3.4	2.7	2.3	2.1	2.2	2.0	2.0	2.0	2.3	2.6	2.6	2.5	2.3	2.3	2.38	14	3.9
19	2.2	2.1	2.1	2.1	2.2	2.3	2.5	2.7	3.1	2.7	2.4	2.2			2.3	2.3	2.3	2.5	2.5	2.3	2.4	2.4	2.2	2.0	2.33	22	3.1
20	1.9	2.0	1.8	1.8	1.8	1.7	1.8		2.0	2.1	2.3	2.2	2.7	2.5	2.5	2.8	2.5	2.2	2.0	1.9	1.9	1.8	1.9	1.9	2.07	23	3.1
21	1.9	1.9		1.9	1.9	2.0	2.1			2.1	2.0	2.0	2.0	2.2	2.1	2.4	2.2	2.0	1.9	1.9	1.9	2.0	2.1	2.3	2.02	21	2.5
22	2.5	2.5	2.5	2.3	2.1	2.2	2.6	3.6	3.4	2.6	2.4	2.2	2.0	1.9	2.1	2.1	2.1	2.3	2.4	2.7	2.7	2.3	2.2	2.0	2.39	24	3.8
23	2.1	2.0	1.9	2.0	1.9	1.8	1.9	2.6	2.1	1.9	1.9	1.9	1.9	1.8	2.1	2.5	2.4	2.1	2.2	2.3	2.3	2.2	2.2	2.2	2.08	24	2.9
24*	2.1	2.0	2.0	2.0	2.1	2.2	2.1	2.0	2.0	2.0	1.9	1.9	1.9	1.9	2.1	2.1	2.0	2.0	2.2	2.6	3.1	3.7	4.2	4.8	2.35	24	4.9
25*	4.6	4.1	3.5	3.0	2.6	2.4	2.3	2.3	2.4	2.4	2.3	2.3	2.1	2.1	2.4	2.5	2.2	2.3	2.3	2.5	2.5	2.1	2.1	2.1	2.55	24	4.8
26	2.0	2.1	2.1	2.1	1.9	2.2	2.4	2.6	2.3	2.3		2.2	2.2	2.2	1.9	1.8	1.9	2.1	2.3	2.2	2.1	2.1	2.1	2.3	2.14	23	2.9
27	2.5	2.4	2.2	2.7	4.7	3.8	3.3	3.4	2.5	2.0	2.1	2.1	2.0	2.3	2.4	2.2	2.3	2.0	2.1	2.1	2.3	2.5	2.6	2.5	2.52	24	5.2
28	2.4	2.3	2.5	2.6	2.4	2.4	2.6	2.9	2.8	2.6	2.6	2.7	2.4	2.2	2.1	2.3	2.4	2.5	2.5	2.7	2.9	2.6	2.4	2.4	2.50	24	2.9
29	2.3	2.3	2.3	2.2	2.1	2.1	2.3	2.6	2.7	2.8		3.0	2.9	2.9	3.0	3.0	2.9	2.9	2.9	2.9	2.9	2.9	2.8	2.8	2.67	23	3.2
30	2.8	2.7	2.5	2.6	2.7	3.0	3.4	3.4	3.3	2.5	2.1	2.0	2.0	2.0	2.1	2.1	2.1	2.1	2.0	2.1	2.2	2.2	2.3	2.3	2.43	24	3.6
MEAN	2.6	2.5	2.5	2.4	2.4	2.4	2.5	2.7	2.5	2.3	2.2	2.1	2.1	2.1	2.2	2.2	2.2	2.2	2.2	2.3	2.4	2.5	2.6	2.6	2.34		
NO	28	27	27	28	28	28	28	25	25	28	27	29	29	29	29	30	30	30	30	28	28	27	28	29		675	
MAX	7.0	7.4	7.7	5.8	4.7	3.8	4.3	4.4	3.9	3.4	3.4	3.0	2.9	4.9	5.1	3.3	2.9	2.9	2.9	2.9	3.6	4.7	5.3	5.8	3.57		8.1

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., MAR. 22, 1967

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CONTINUOUS AIR MONITORING PROGRAM

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

WASHINGTON, D.C.

CONCENTRATION IN PPM
FLAME IONIZATION ANALYSIS

TOTAL HYDROCARBON
OCT. 1966

DAY OF MONTH	AM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	PM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5 MIN MAX
1*	2.2		2.1	2.0	1.9	1.9	1.9	1.9	1.9	1.9	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.1	2.1	2.1	2.1	2.00	23	2.3
2*	2.1	2.2	2.3	2.8	2.4	2.4	2.5	2.3	2.1	2.0	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	2.1	2.5	2.9	2.7	2.5	2.6	2.22	24	3.0
3	3.1	6.1	6.9	7.3	7.1	6.9	6.7	5.1	4.0	3.3	2.7	2.2	2.0	1.9	2.0	2.0	2.0	2.0	2.2	2.4	2.3	2.2	2.3	2.2	3.61	24	7.5
4	2.2	2.2	2.2	2.2	2.3	2.5	2.6	2.7	2.7	2.6	2.2	2.0	2.0	2.0	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.5	2.4	2.3	2.34	24	2.8
5	2.5	2.5	2.5	2.5	2.5	2.5	2.4	2.2	2.3	2.2	2.0	2.0	1.9		2.0	2.0	2.0	2.0	2.0	2.1	2.0	2.1	2.0	2.0	2.17	23	2.6
6	2.0	2.0	2.1	2.0	2.0	2.0	2.3	2.4	2.3	2.1	2.0	2.0	1.9	2.0	2.0	2.0	2.1	2.0	2.2	2.4	2.4	2.5	2.4	2.3	2.13	24	2.5
7	2.3	2.3	2.2	2.4	2.3	2.4	3.5	4.0	3.3	3.1	2.7	2.3	2.2	2.2	2.2	2.2	2.3	2.4	2.6	3.0	3.4	3.3	3.1	2.9	2.67	24	4.2
8*	2.7	2.6	2.5	2.4	2.3	2.3	2.6	2.6	2.5	2.5	2.7	2.7	2.6	2.4	2.3	2.3	2.2	2.3	2.7	3.3	3.5	3.6	3.3	2.8	2.63	24	3.6
9*	2.8	2.7	2.6	2.6	2.7	2.7	2.8	2.8	2.6	2.6	2.8	2.8	2.8	2.6	2.4	2.3	2.2	2.3	2.3	2.3	2.2	2.3	2.4	2.4	2.53	24	2.9
10	2.4	2.3	2.1	2.1	2.1	2.1	2.2	2.4	2.4	2.2	2.1	2.3	2.0	1.9	2.0	2.0	2.0	2.2	2.4	2.8	2.9	2.5	2.2	2.1	2.23	24	3.1
11	2.0	2.2	2.3	2.4	2.5	2.5	2.6	2.7	2.5	2.3	2.1	2.0	2.0	2.0	2.1	2.1	2.1	2.2	2.3	2.5	2.4	2.3	2.2	2.1	2.25	24	2.7
12	2.1	2.1	2.0	2.0	2.0	2.0	2.2	2.4	2.4	2.2	2.1	2.0	2.0	2.0	2.0	2.1	2.2	2.2	2.7	3.4	4.4	5.4	5.5	4.8	2.66	24	5.6
13	3.4	2.7	2.5	2.4	2.3	2.4	2.7	2.8	2.7	2.6		2.5	2.5	2.5	2.3	2.3	2.3	2.3	2.5	2.6	2.7	2.9	2.9	3.2	2.61	23	3.9
14	3.4	3.3	3.2	3.2	3.2	3.2	3.2	3.4	3.5	3.3	2.7	2.4	2.2	2.2	2.2	2.2	2.2	2.3	2.4	2.4	2.3	2.2	2.2	2.4	2.70	24	3.6
15*	2.6	2.6	2.4	2.4	2.4	2.6	2.5	2.5	2.4	2.2	2.2	2.1	2.1	2.1	2.2	2.2	2.2	2.2	2.3	2.2	2.1	2.0	2.2	2.2	2.28	24	2.6
16*	2.2	2.2	2.1	2.1	2.3	2.2	2.1	2.2	2.1	2.1	2.2	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.2	2.2	2.2	2.2	2.2	2.2	2.15	24	2.4
17	2.2	2.3	2.3	2.2	2.3	2.4	2.5	2.7	2.5	2.3	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.1	2.2	2.3	2.3	2.3	2.3	2.27	24	2.8
18																											
19		2.2	2.2	2.2	2.3		2.6	2.7	2.7	2.6					2.5	2.4	2.4	2.4	2.4	2.4	2.4	2.5	2.4	2.4	2.43	18	2.8
20																											
21																											
22*																											
23*																											
24	3.0	2.5	2.3	2.3	2.2	2.3	2.4	2.6	2.5	2.3	2.4	2.4	2.3	2.3	2.3	2.4	2.4	2.6	2.7	2.7	2.6	2.6	2.5	2.4	2.44	24	3.0
25	2.4	2.5	2.4	2.5	2.5	2.5	2.7	2.8	3.0	2.9	2.7	2.7	2.7		2.5	2.5	2.7	2.6	2.5	2.5	2.5	2.5	2.5	2.5	2.58	23	3.0
26	2.5	2.4	2.4	2.5	2.6	2.7	2.9	2.9	2.8	2.8	2.6	2.5	2.4	2.3	2.3	2.4	2.5	2.7	3.0	3.6	4.1	4.9	5.7	7.7	3.11	24	7.9
27	6.8	5.8	5.3	4.8	5.8	5.7	4.5	4.2	3.8	3.2	3.0	2.9	2.7	2.7	2.5	2.3	2.3	2.4	2.5	2.6	3.3	4.3	5.6	6.4	3.97	24	7.3
28	6.9	7.2	7.8	8.3	7.2	5.5	5.0	4.7	4.1	3.4	3.0	2.9	2.7	2.4	2.3	2.3	2.4	2.7	3.5	5.0	6.8	6.8	5.7	4.9	4.71	24	8.4
29*	4.2	3.9	4.4	4.5	3.8	3.8	3.8	3.9	3.7	3.5	3.1	2.6	2.4	2.4	2.3	2.2	2.1	2.1	2.1	2.2	2.1	2.1	2.3	2.3	2.98	24	4.6
30*	2.3	2.3	2.2	2.1	2.0	2.2	2.3	2.3	2.2	2.1	2.0	2.0	2.0	2.0	2.1	2.0	1.9	2.0	2.1	2.2	2.8	3.4	3.4	2.5	2.26	24	3.9
31	2.4	2.5	2.4	2.5	2.5	2.4	2.4	2.5	2.4	2.2	2.0	1.9	1.9	2.0	2.0	2.0	2.1	2.3	2.6	2.4	2.2	2.2	2.1	2.3	2.24	24	2.7
MEAN	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.7	2.5	2.4	2.3	2.2	2.2	2.2	2.2	2.2	2.3	2.4	.6	2.8	2.9	2.9	2.9	2.63		
NO	25	25	26	26	26	25	26	26	26	26	24	25	25	23	26	26	26	26	26	26	26	26	26	26		614	
MAX	6.9	7.2	7.8	8.3	7.2	6.9	6.7	5.1	4.1	3.5	3.1	2.9	2.8	2.7	2.5	2.5	2.7	2.7	3.5	5.0	6.8	6.8	5.7	7.7	4.71		8.4

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., MAR. 22, 1967

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Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

WASHINGTON, D.C.

CONCENTRATION IN PPM
FLAME IONIZATION ANALYSIS

TOTAL HYDROCARBON
NOV. 1966

DAY OF MONTH	AM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	PM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5 MIN MAX
1	2.2	2.1	2.1	2.2	2.1	2.0	2.1	2.4	2.4	2.2	2.1	2.1	2.1	2.1	2.1	2.2	2.3	2.5	2.5	2.5	2.7	3.0	3.4	3.2	2.34	24	3.5
2	2.7	2.4	2.3	2.2	2.4	2.2	2.1	2.2	2.2	2.2	2.1	2.0	2.0	2.0	2.1	2.1	2.2	2.1	2.0	1.8	1.8	1.9	2.0	2.1	2.12	24	2.9
3	2.1	2.0	2.0	1.9	1.9	1.9	2.0	2.1	2.3	2.2	2.2		2.0	2.2	2.1	2.2	2.3	2.3	2.3	2.1	2.2	2.2	2.3	2.3	2.13	23	2.4
4	2.3	2.2	2.2	2.2	2.2	2.2	2.3	2.5	2.6	2.3	2.2	2.2	2.1	2.2	2.4	2.3	2.4	2.8	2.9	2.8	2.9	2.9	2.8	2.7	2.43	24	3.5
5*	2.6	2.3	2.2	2.2	2.4	2.4	2.8	2.9	2.8	2.9	2.2	2.1	2.0	2.0	2.1	2.1	2.1	2.0	2.0	2.0	2.1	2.1	2.0	2.0	2.25	24	3.6
6*	2.0	2.1	2.2	2.3	2.1	2.0	2.0	2.0	2.0	2.0	2.0	2.1	2.0	2.1	2.1	2.0	2.1	2.2	2.5	2.6	2.6	2.4	2.4	2.4	2.16	24	2.8
7	2.4	2.4	2.4	2.5	2.6	4.8	4.3	4.1	3.7	3.4	2.8	2.2	2.1	2.1	2.2	2.2	2.4	2.7	3.3	2.8	2.5	2.4	2.8	2.4	2.80	24	5.6
8	3.0	2.1	2.2	2.0	1.9	1.9	2.0	2.4	2.7	2.4	2.3	2.2	2.2	2.1	2.2	2.2	2.7	3.1	2.4	2.3	2.2	2.2	2.1	2.1	2.28	24	4.2
9	2.2	2.0	1.9	1.9	1.9	1.9	2.0	2.4	2.5	2.3	2.2	2.3	2.4	2.4	2.5	2.5	2.7	2.9	2.9	2.5	2.4	2.4	2.3	2.4	2.31	24	3.2
10	2.3	2.2	2.2	2.2	2.1	2.1	2.2	2.5	2.7	2.3			2.3	2.2	2.2	2.2	2.5	2.8	2.2	2.0	2.0	2.0	1.9	1.8	2.21	22	2.9
11	1.9	2.0	2.3	3.2	2.2	2.0	2.0	2.3	2.2	2.1	2.0	2.0	1.9	2.0	2.0	2.1	2.2	2.5	2.7	2.9	3.0	3.2	3.0	2.8	2.33	24	3.6
12*	2.3	2.4	2.5	2.5	2.6	2.4	2.1	2.2	2.2	2.4	2.4	2.3	2.2	2.2	2.2	2.2	2.2	2.3	2.5	2.5	2.4	2.3	2.3	2.1	2.31	24	2.9
13*	2.2	2.4	2.3	2.4	2.3	2.1	2.2	2.3	2.0	1.9	1.9	1.9	1.9	1.9	1.9	1.9	2.1	2.2	2.1	2.2	2.2	2.4	2.3	2.2	2.12	24	2.5
14	2.2	2.1	2.0	2.1	2.0	2.1	2.5	2.8	2.6	2.4	2.4	2.6	2.3	2.2	2.3	2.4	2.9	3.0	3.3	3.4	3.3	3.2	2.8	2.6	2.54	24	3.8
15	2.6	2.5	2.3	2.1	2.2	2.1			2.5	2.0	2.0	1.9	2.0	2.0	1.9	2.0	2.3								2.14	15	3.5
16										2.8	2.2	2.1	2.3	2.2		2.5	2.7	2.9	2.9	2.9	3.1	2.8	2.7	2.5	2.61	14	3.4
17	2.5	2.3	2.3	2.3	2.3	2.3	2.5	2.7	3.0	2.7	2.6	2.7	2.7	2.8	2.7	2.9	3.2	4.1	4.1	3.8	3.4	3.6	2.9	2.5	2.87	24	4.8
18	2.5	2.2	2.1	2.2	2.4	2.7	3.2	4.2	3.5	3.4	3.1	3.0	3.5	3.9	4.2	4.2	5.0	4.5	3.6	3.0	5.6	5.6	3.9	2.3	3.47	24	7.5
19*	2.2	2.1	2.0	2.0	2.0	2.0	2.1	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.1	2.4	2.3	2.2	2.1	2.0	2.0	2.0	2.05	24	2.7
20*	2.1	2.1	2.2	2.1	2.0	2.0	2.1	2.2	2.1	2.1	2.0	2.1	2.1	2.1	2.1	2.1	2.2	2.4	2.6	2.5	2.7	3.0	2.9	2.9	2.27	24	3.1
21	3.0	2.9	2.7	2.6	2.7	2.8	2.8	3.0	3.1	3.1	2.7	2.5	2.4	2.3	2.3	2.3	2.6	2.8	3.2	3.2	3.0	2.8	3.1	3.4	2.80	24	4.7
22	4.3	5.1	4.6	4.4	6.6	5.1	4.2	4.6	4.1	3.3	2.9	2.5	2.3	2.3		2.3	2.6	2.8	2.8	3.4	3.6	4.6	6.5	9.3	4.08	23	9.8
23	7.7	7.9	8.0	8.3	9.2	8.7	9.2	9.8	11.1	8.5	4.1	3.9	3.4	3.0	2.9	2.7	3.1	4.0	4.3	5.2	6.3	6.7	7.2	6.6	6.31	24	11.7
24	6.5	5.4	5.5	4.7	4.2	3.7	3.5	3.0	3.5	3.2	2.9	2.7	2.2	2.0	2.0	2.2	2.5	4.4	6.6	8.8	11.1	11.9	5.8	5.0	4.71	24	13.5
25	5.0	5.4	5.2	4.9	4.6	5.2	4.5	4.1	4.2	4.8	3.8	2.7	2.6	2.6	2.7	2.7	3.3	3.6	3.3	2.8	3.0	3.8	2.9	3.0	3.72	24	5.8
26*	3.6	3.2	2.2	2.4	3.1	3.6	3.6	3.5	2.3	2.1	2.1	2.2	2.3	2.3	2.3	2.3	2.5	2.9	3.1	3.5	3.9	4.5	4.3	3.8	2.97	24	4.8
27*	3.7	4.8	6.3	6.6	7.7	8.4	7.5	6.0	6.1	5.2	3.1	3.0	2.8	2.6	2.5	2.5	2.5	2.6	2.5	2.7	2.7	2.6	2.6	2.5	4.12	24	9.0
28	2.3	2.3	2.1	2.1	2.0	2.0	2.1	2.6	2.6	2.4	2.3	2.3	2.3	2.1	2.3	2.2	2.3	2.3	2.2	2.2	2.2	2.2	2.2	2.1	2.22	24	3.0
29	2.1	2.1	2.1	2.1	2.2	2.2	2.3	2.5	2.5	2.3	2.3	2.2	2.3	2.1	2.3	2.3	2.5	2.7	2.4	2.3	2.3	2.3	2.5	2.3	2.29	24	2.8
30	2.4	2.4	2.4	2.4	2.5	2.4	2.5	2.7	2.8	2.9	2.7	2.6	2.6	2.5	2.5	2.6	2.9	3.0	2.6	2.6	2.5	2.5	2.4	2.3	2.55	24	3.1
MEAN	2.9	2.9	2.8	2.9	3.0	3.0	3.0	3.1	3.1	2.8	2.5	2.4	2.3	2.3	2.3	2.3	2.6	2.8	2.9	2.9	3.2	3.3	3.0	2.9	2.80		
NO	29	29	29	29	29	29	28	28	29	30	29	28	30	30	28	30	30	29	29	29	29	29	29	29		697	
MAX	7.7	7.9	8.0	8.5	9.2	8.7	9.2	9.8	11.1	8.5	4.1	3.9	3.5	3.9	4.2	4.2	5.0	4.5	6.6	8.8	11.1	11.9	7.2	9.3	6.31		13.5

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., MAR. 22, 1967

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CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONCENTRATION IN PPM
FLAME IONIZATION ANALYSIS

WASHINGTON, D.C.

TOTAL HYDROCARBON
DEC. 1966

DAY OF MONTH	AM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	PM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS	5 MIN MAX
1																											
2	2.9	2.6	2.7	2.7	2.7	2.8	2.9	3.0	3.0	2.9	2.8	2.8	2.8	2.7	2.6	2.7	2.8	2.8	2.6	2.6	2.5	4.5	2.5	2.5	2.70	24	3.3
3*	2.5	2.5	2.5	2.5	2.5	4.5	2.6	2.6	2.7	2.6	2.6	2.6	2.6	2.6	2.6	2.7	2.7	2.8	2.8	2.8	2.8	2.9	2.8	2.7	2.64	24	2.9
4*	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.8	2.8	2.7	2.7	2.8	2.7	2.8	2.9	2.8	2.9	2.9	3.1	3.4	3.2	3.0	3.0	3.1	2.85	24	3.5
5	3.1	3.6	5.6	4.6	4.4	4.1	4.1	4.6	5.1	4.4	3.7	3.2	3.0	2.8	2.7	2.8	3.0	3.1	3.0	3.0	2.9	2.8	2.7	2.7	3.53	24	6.0
6	2.6	2.6	2.5	2.6	2.5	4.6	2.8	3.2	3.8	3.7	3.7	4.0	4.0	4.0	4.0	3.9	3.8	3.8	3.6	3.4	3.3	3.1	3.0	3.1	3.30	24	4.1
7	2.8	2.7	2.7	2.6	2.6	4.4	2.5	2.7	2.9	2.8	2.7	2.7			2.8	3.1									2.70	14	3.5
8									3.1	3.0	2.7	2.8	2.6	2.7	2.6	2.7	2.9	2.9	2.9	3.0	2.9	2.8	2.8	2.7	2.81	16	3.2
9	2.7	2.6	2.5	2.4	2.4	4.5	2.6	2.9	3.1	2.9	2.8	2.7	2.7	2.7	2.6	2.6	2.8	3.1	3.3	7.2	3.6	3.0	2.9	2.9	2.96	24	9.3
10*	2.8	2.9	2.9	2.7	2.6	2.6	2.6	2.6	2.6	2.5	2.5	2.5	2.6	2.6	2.5	2.5	2.6	2.5	2.4	2.5	2.6	4.5	2.5	2.7	2.59	24	3.0
11*	2.8	2.6	2.7	2.8	2.6	2.4	2.4	2.5	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.49	24	2.9
12	2.5	2.4	2.4	2.4	2.4	2.4	2.5	2.8	2.9	2.7	2.5	2.5	2.5	2.5	2.5	2.6	2.7	2.9	2.9	2.9	2.8	2.9	2.8	2.8	2.62	24	3.5
13	2.7	2.6	2.6	2.6	2.7	2.6	2.8	3.0	2.9	2.9	2.9	2.9	2.8	2.8	2.8	2.7	2.6	2.7	2.5	2.5	2.5	2.5	2.5	2.5	2.68	24	3.1
14	2.5	2.5	2.4	2.3	2.3	2.3	2.4	2.5			2.7	2.7	2.7	2.7	2.8	2.8	2.9	3.1	3.1	3.1	3.0	3.1	3.0	2.9	2.71	22	3.4
15	2.7	2.6	2.6	2.6	2.5	4.5	2.6	2.7	2.7	2.7	2.7	2.7	2.6	2.7	2.8	2.8	2.9	3.0	3.0	3.1	3.4	3.5	3.3	3.3	2.82	24	3.6
16	3.7	4.2	3.7	3.7	3.9	3.8	3.6	4.3	4.3	3.7	3.5	3.0	2.7	2.7	2.7	2.8	3.1	3.4	3.3	3.3	3.1	3.1	3.2	3.1	3.40	24	4.6
17*	3.3	3.6	3.8	3.6	3.3	3.1	3.3		4.3	4.0	3.5	3.4	3.4	3.2	3.0	2.9	3.1	3.7	3.9	3.4	3.4	3.3	2.7	2.6	3.36	23	4.4
18*	2.6	2.6	2.6	2.6	2.5	4.4	2.5	2.7	2.9	2.8	2.6	2.6	2.6	2.6	2.6	2.7	3.0	3.1	3.3	4.1	3.3	2.8	2.6	2.3	2.75	24	4.3
19	2.3	2.3	2.3	2.4	2.3	4.4	2.4	2.5	2.6	2.5	2.4	2.3	2.3				2.6	2.7	2.8	2.8	2.7	2.7	2.8	3.0	2.52	21	3.1
20	3.0	2.9	2.5	2.5	2.4	4.4	2.4	2.6	2.8	2.6	2.7	2.9	3.3	3.1	3.1	3.0	3.1	3.2	3.0	2.6	2.5	4.5	2.5	2.6	2.73	24	4.0
21	2.4	2.4	2.4	2.4	2.4	2.4	2.5	2.7	2.7	2.7	2.6	2.5	2.4	2.4	2.4	2.4	2.6	2.7	2.9	3.0	2.9	2.9	2.7	2.9	2.59	24	3.2
22	3.0	3.4	4.1	3.9	3.4	3.0	3.0	2.9	3.0	2.9		3.2	3.1	2.8	2.7	2.8	3.0	3.1	3.3	3.8	4.0	4.1	4.5	5.0	3.37	23	5.3
23	5.1	5.4	4.2	3.2	2.8	2.8	2.7	2.8	2.8	2.7	2.7	2.6	2.6	2.6	2.6	2.7	2.8	2.9	2.7	2.7	2.7	2.6	2.6	2.5	2.98	24	5.5
24*	2.5	2.6	2.6	2.6	2.5	4.5	2.5	2.5	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.5	2.5	2.5	2.5	4.5	2.5	2.5	2.5	2.5	2.53	24	2.8
25*	2.5	2.5	2.5	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.7	2.7	2.8	2.7	2.7	2.6	2.6	2.6	2.61	24	2.8
26	2.6	2.6	2.6	2.6	2.6	4.6	2.6	2.7	2.6	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.6	2.5	2.6	2.6	2.7	2.7	2.7	2.7	2.58	24	3.3
27	2.7	2.6	2.7	2.6	2.6	4.6	2.7	2.9	2.9	2.8	2.6	2.4	2.4	2.5	2.5	2.6	2.6	2.7	3.0	3.0	3.0	3.1	4.4	5.7	2.88	24	6.3
28	6.7	7.1	6.9	6.7	5.3	4.5	4.2	3.6	3.7	3.8	3.2	2.9	2.6	2.5	2.4	2.4	2.6	2.6	2.5	2.4	2.4	2.3	2.4	2.3	3.66	24	7.2
29	2.3	2.4	2.7	2.4	2.3	2.3	2.5	2.4	2.7	2.8	2.9	2.8	2.3	2.2	2.2	2.3	2.4	2.5	2.4	2.4	2.4	2.4	2.4	2.4	2.44	24	3.0
30	2.4	2.4	2.3	2.4	2.3	2.4	2.6	2.8	2.9	2.9	2.5	2.2	2.3	2.4	2.4	2.5	2.6	2.8	2.8	2.8	2.8	3.0	2.7	2.8	2.56	24	3.1
31*	2.8	3.3	3.7	3.7	3.8	4.2	5.1				3.2	2.9	2.6	2.5	2.4	2.4	2.3	2.3	2.3	2.3	2.4	2.4	2.3	2.3	2.92	21	5.2
	2.9	3.0	3.0	2.9	2.8	2.8	2.8	2.9	3.1	2.9	2.8	2.7	2.7	2.7	2.7	2.7	2.8	2.9	2.9	3.0	2.9	2.8	2.8	2.9	2.85		
MEAN	29	29	29	29	29	29	29	27	28	28	29	30	29	28	29	29	29	29	29	29	29	29	29	29		692	
NO.	6.7	7.1	6.9	6.7	5.3	4.5	5.1	4.6	5.1	4.4	3.7	4.0	4.0	4.0	4.0	3.9	3.8	3.8	3.9	7.2	4.0	4.1	4.5	5.7	3.66		9.3
MAX																											

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., MAR. 22, 1967

CONTINUOUS AIR MONITORING PROGRAM

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

WASHINGTON, D.C.

CONCENTRATION IN PPM

POTASSIUM IODIDE ANALYSIS

TOTAL OXIDANT
JAN. 1966

DAY OF MONTH	AM 12-1	AM 1-2	AM 2-3	AM 3-4	AM 4-5	AM 5-6	AM 6-7	AM 7-8	AM 8-9	AM 9-10	AM 10-11	AM 11-12	PM 12-1	PM 1-2	PM 2-3	PM 3-4	PM 4-5	PM 5-6	PM 6-7	PM 7-8	PM 8-9	PM 9-10	PM 10-11	PM 11-12	DAILY MEAN	NO OF HRS	5 MIN MAX
1*			.02	.02	.02	.02	.02	.03	.02	.02	.02	.03	.02	.02	.02	.02	.02	.02	.02	.02	.02	.01	.01	.019	21	.03
2*	.01	.02	.01	.01	.02	.02	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.011	23	.02
3	.01	.01	.01	.01	.01	.01	.02	.02	.01	.01	.01	.01	.02	.02	.01	.01	.00	.00	.01	.01	.01	.01	.01	.010	23	.02
4																										
5	.01	.01	.01	.01	.01	.01	.01	.01	.01	.00	.01	.00	.00	.00			.01	.00	.01	.01	.01	.01	.01	.01	.007	21	.02
6	.01	.01	.01	.01	.01	.02	.01	.02	.02	.01	.01		.01	.01				.03	.03	.02	.02	.02	.02	.01	.016	20	.04
7																										
8*																										
9*	.01	.01	.00	.01	.00	.00	.00	.00	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.00	.00	.00	.01	.01	.01	.006	23	.02
10	.01	.01		.01	.01	.01	.00	.00	.01	.01	.01	.01	.01	.01		.01	.00	.01	.01	.01	.00	.01	.00	.00	.006	21	.02
11	.01	.01			.01	.01	.00	.00	.00					.01	.01	.01	.01	.00						.00	.006	13	.01
12	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.01		.01	.01	.01	.01	.01	.00	.00	.00	.00	.00	.00	.00	.003	23	.02
13	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		.00	.00			.00	.00	.00	.01	.01	.01	.01	.01	.003	21	.01
14	.01	.00	.00	.01	.01	.00	.00	.00	.01	.01	.01		.01	.01	.01	.01	.01	.00	.00	.00	.00	.00	.00	.00	.004	23	.02
15*	.00	.00	.00				.00	.00		.00	.01		.01	.01	.01	.01	.01	.01		.01	.01				.005	15	.02
16*	.00	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01		.01	.01	.01	.01	.01								.009	16	.02
17							.00	.01	.01	.01			.01	.01	.01	.01	.01	.00	.01	.01	.01	.01	.00	.00	.007	16	.01
18	.01	.01	.00	.00	.00	.00	.00			.01			.01	.01	.01	.01	.01	.00	.01	.01	.01	.00	.00	.00	.004	20	.01
19	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01			.00	.01	.01	.01	.01	.00	.01	.01	.01	.01	.01	.01	.005	23	.01
20	.01	.01	.01	.01				.00	.00	.01	.01		.01	.01			.01	.00	.01	.01	.00	.00	.00	.01	.006	18	.01
21	.01	.00						.00	.00	.01	.01		.02	.03		.02	.01	.01	.01	.00	.01	.00	.00	.01	.009	17	.04
22*	.01	.00	.01	.00	.01	.01	.01	.01	.00	.01	.01		.01	.02	.02	.01	.01	.01	.01	.02	.01	.02	.02	.02	.011	23	.02
23*	.02	.02	.02	.01			.01	.01	.01	.01	.02		.01	.01	.01	.02	.02	.02	.02	.02	.02	.02	.02	.02	.016	21	.03
24	.02	.02		.02	.01	.01	.01	.01	.01	.01	.00		.01	.01	.00	.01	.00	.00	.00	.00	.00	.00	.00	.00	.006	22	.02
25	.00	.00	.00	.00	.01	.01	.00	.00	.00	.01	.01		.01	.01	.01	.01	.00	.00	.01	.01	.01	.01	.01	.01	.005	23	.01
26	.01	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00		.00	.01	.01	.00	.00	.00	.00	.01	.01	.01	.01	.01	.003	23	.01
27	.01	.01	.00	.01	.00	.00	.00	.00	.01				.01	.01			.00	.00	.00	.01	.01	.01	.01	.01	.006	19	.02
28	.01	.00	.00	.00	.01	.00	.00	.00	.00	.00	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.001	23	.01
29*	.00	.00							.00	.00	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.000	17	.01
30*	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.000	23	.01
31	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.01	.01	.01											.003	13	.02
MEAN	.01	.01	.00	.01	.01	.01	.00	.00	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.007		
NO	26	26	22	23	22	22	24	26	26	26	25	26	27	28	20	22	26	26	24	25	25	24	24	25		364	
MAX	.02	.02	.02	.02	.02	.02	.02	.03	.02	.02	.02	.02	.03	.03	.02	.02	.02	.03	.03	.02	.02	.02	.02	.02	.019		.04

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., MAR. 22, 1967

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CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONCENTRATIONS IN PPM
POTASSIUM IODIDE ANALYSIS

WASHINGTON, D.C.

TOTAL OXIDANT
FEB. 1966

DAY OF MONTH	AM 12-1	AM 1-2	AM 2-3	AM 3-4	AM 4-5	AM 5-6	AM 6-7	AM 7-8	AM 8-9	AM 9-10	AM 10-11	AM 11-12	PM 12-1	PM 1-2	PM 2-3	PM 3-4	PM 4-5	PM 5-6	PM 6-7	PM 7-8	PM 8-9	PM 9-10	PM 10-11	PM 11-12	DAILY MEAN	NO. OF HRS	5 MIN. MAX
1																											
2	.02	.01		.01	.02	.01	.01	.01								.02	.02	.02	.02	.02	.01	.01	.01	.01	.015	16	.03
3	.01	.01		.01	.01	.01	.01	.01	.01	.01	.01	.02	.02	.02	.02	.02	.01	.01	.01	.01	.01	.01	.01	.01	.012	23	.02
4	.01	.01		.01	.01	.01	.01	.01	.01	.01	.01	.02	.02	.02	.02	.01	.01	.01	.01	.01	.01	.01	.01	.01	.011	23	.03
5*	.01	.01		.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.00	.00	.00	.00	.00	.00	.008	23	.02
6*	.00	.01		.01	.00	.00	.00	.00	.00	.00	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.007	23	.02
7	.01	.01		.01	.01	.01	.00		.00	.00	.00	.00	.00	.00	.00	.01	.01	.01	.00	.01	.01	.01	.01	.01	.006	22	.01
8	.01	.01		.01	.01	.01										.02	.03	.04	.03	.02	.02	.02	.04	.06	.023	14	.08
9	.06	.07		.08	.06	.06	.06	.02	.01	.00	.00	.01	.01	.02	.02	.01	.01	.01	.01	.02	.02	.01	.02	.02	.026	23	.09
10	.02	.01		.02	.02	.02	.02	.02	.02	.03	.03	.03	.02	.02	.02	.03	.05	.06	.04	.04	.04	.04	.09	.07	.033	23	.11
11	.03	.03		.03	.02	.02	.03	.05	.05	.05	.04	.03	.03	.03	.03	.03	.04	.06	.09	.12	.12	.13	.15	.13	.058	23	.18
12*	.11	.06		.03	.03	.04	.06	.08	.11	.09	.04	.04	.03	.03	.03	.02	.02	.03	.02	.03	.02	.02	.02	.03	.042	23	.14
13*	.03	.03		.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.05	.05	.03	.03	.02	.02	.02	.02	.02	.02	.02	.024	23	.05
14	.02	.02		.02	.02	.02	.01	.01	.01	.02	.02	.02	.02	.03	.03		.03	.02	.02	.02	.02	.02	.02	.01	.018	22	.04
15	.01	.01		.01	.01	.02	.03	.01		.03	.03	.03	.02	.02	.03	.03	.03	.02	.02	.02	.02	.02	.02	.02	.021	22	.06
16	.02	.02		.02	.02	.02	.02	.03	.02	.02	.02	.02	.02	.02	.03	.02	.02	.03	.02	.02	.02	.02	.02	.02	.021	23	.04
17	.02	.01		.02	.02	.02	.02	.02	.02		.01	.02	.02	.02	.02	.02	.02	.02	.01	.01	.00	.00	.00	.01	.015	22	.03
18	.02	.01		.02	.02	.03	.04	.04	.02	.02	.02	.02	.02	.02	.02	.02	.02	.01	.01	.02	.02	.01	.01	.02	.018	23	.06
19*	.02	.02		.04	.03	.04	.03	.04	.03	.03	.02	.02	.03	.03	.04	.04	.03	.02	.02	.02	.02	.02	.02	.02	.026	23	.05
20*	.02	.02		.02	.02	.02	.01	.01	.01	.01	.02	.01	.01	.02	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.013	23	.02
21	.01	.01		.01	.01	.01	.01	.00	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.010	23	.02
22	.01	.01		.01	.01	.01	.01	.01	.02	.02	.02	.02	.02	.02	.01	.02	.02	.01	.01	.01	.01	.01	.01	.01	.013	23	.03
23	.01	.01		.01	.01	.01	.01	.02	.01	.02	.02	.02	.03	.03	.02	.03	.02	.02	.02	.02	.01	.02	.01	.01	.016	23	.03
24	.01	.01		.01	.02	.02	.02	.02	.02	.01	.01	.01	.02	.02	.02	.02	.02	.03	.03	.03	.02	.02	.02	.02	.020	23	.03
25	.02	.02		.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.03	.03	.02	.02	.02	.02	.02	.02	.01	.02	.02	.020	23	.03
26*	.02	.01		.02	.01	.01	.01	.02	.02	.03	.03	.04	.04	.04	.04	.04	.04	.03	.02	.02	.02	.02	.02	.02	.024	23	.05
27*	.02	.01		.01	.01	.01	.01	.01	.01	.02	.03	.03	.03	.03	.03	.02	.02	.02	.01	.02	.01	.01	.01	.01	.016	23	.03
28	.01	.02		.02	.03	.02	.02	.03	.01	.02	.02	.01	.01	.02	.02	.02	.03	.03	.03	.03	.02	.02	.02	.02	.021	23	.05
MEAN	.02	.02		.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.020		
NO.	27	27		27	27	27	26	25	24	24	25	25	25	25	25	26	27	27	27	27	27	27	27	27		601	
MAX	.11	.07		.08	.06	.06	.06	.08	.11	.09	.04	.04	.04	.05	.05	.04	.05	.06	.09	.12	.12	.13	.15	.13	.058		.18

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., MAR. 22, 1967

CONTINUOUS AIR MONITORING PROGRAM

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

WASHINGTON, D.C.

CONCENTRATION IN PPM
POTASSIUM IODIDE ANALYSIS

TOTAL OXIDANT
MARCH 1966

DAY OF MONTH	AM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	PM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5 MIN MAX
1	.02	.02			.02	.02	.02	.02	.02	.02	.02		.03	.03			.03	.02	.02	.02	.03	.03	.02	.02	.021	19	.05
2	.01	.00		.01	.01	.00	.01	.00	.00	.01	.01	.01		.01	.02	.02	.02	.01	.02	.06	.07	.07	.08	.08	.024	22	.11
3	.09	.08		.03	.02	.02	.02	.03	.02	.02	.02	.03	.03	.04		.03	.03	.03	.03	.03	.03	.02	.03	.02	.032	22	.10
4	.02	.02		.03	.04	.04	.04	.04	.02	.02	.02	.02	.02	.02	.02	.02	.02	.03	.02	.02	.02	.02	.02	.02	.023	23	.06
5*	.01	.01		.01	.01	.01	.01	.01	.01	.02	.02	.02	.03	.03	.03	.03	.03	.02	.02	.02	.02	.02	.02	.02	.019	23	.03
6*	.02	.02		.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.01	.01	.01	.01	.01	.01	.01	.00	.01	.014	23	.03
7	.01	.01		.01	.00	.00	.01	.01	.00	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.008	23	.02
8	.01	.01		.01	.01	.00	.00	.00	.00	.01	.01	.02	.01	.02	.02	.02	.02	.01	.01	.00	.01	.01	.01	.00	.009	23	.03
9	.01	.01		.00	.00	.00	.01	.00	.00	.01	.01	.02	.02	.02	.02	.01	.02	.01	.01	.01	.01	.00	.01	.01	.009	23	.03
10	.01	.01		.01	.01	.01	.01	.02	.01	.01	.01	.02	.02	.02		.03	.02	.02	.01	.01	.02	.03	.02	.02	.015	22	.04
11	.02	.02		.02	.02	.01	.02	.01	.02	.02	.02	.02	.02	.03	.02	.03	.03	.03	.02	.02	.02	.02	.02	.02	.020	23	.04
12*	.02	.02		.02	.01	.02	.02	.02	.02	.03	.03	.03	.04	.05			.04	.03	.03	.02	.02	.01	.02	.02	.025	21	.06
13*	.02	.01		.01	.01	.01	.01	.01	.01	.01	.02	.03	.03	.04	.05	.06	.03	.03	.02	.02	.03	.02	.02	.02	.023	23	.07
14	.02	.02		.02	.02	.01	.02	.02	.01	.02	.02		.02	.02		.02	.02	.02	.02	.02	.02	.02	.02	.02	.018	21	.03
15	.01	.01		.01	.02	.02	.02	.02	.02	.02				.05	.05	.03	.03	.03	.03	.03					.024	16	.06
16										.02	.02	.02	.03	.03	.03	.03	.02	.02	.02	.02	.02	.01	.02	.02	.022	15	.05
17	.02	.02		.02	.01	.02	.03	.03	.02	.02						.04	.04	.03	.02	.02	.02	.02	.02	.02	.022	18	.05
18	.02	.02							.02	.02	.03	.03	.04	.05	.04			.03	.03	.03	.03	.03	.03	.03	.029	16	.05
19*	.04	.04		.03	.03	.02	.02	.02	.02	.02	.02	.02	.03	.03	.04	.04	.04	.03	.03	.02	.02	.02	.02	.02	.026	23	.04
20*	.02	.02		.01	.02	.02	.02	.02	.02	.03	.02	.03	.03	.03	.03	.03	.03	.03	.02	.02	.02	.02	.02	.02	.022	23	.03
21	.02							.01	.02	.03	.03		.04	.04	.04	.04	.03	.02	.02	.01	.02	.02	.02	.02	.024	17	.05
22	.02	.02		.03	.02	.02	.02	.02	.02	.03	.04	.04	.04	.05	.05	.05	.04	.03	.03	.03	.03	.06	.05	.02	.033	23	.10
23	.03	.03		.02	.02	.02	.02	.03	.02	.03	.04	.04	.06	.06	.06	.05	.05	.04	.04	.04	.03	.03	.03	.03	.035	23	.06
24									.02		.02	.03	.02	.02	.02	.02	.02	.02	.02	.02	.01	.02	.02	.02	.019	15	.04
25	.02	.02		.02	.02	.01	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.01	.01	.01	.01	.017	23	.03
26*	.01	.01		.01	.01	.01	.01	.01	.02	.02	.02	.02	.02	.02	.03	.02	.02	.02	.02	.02	.02	.03	.02	.03	.019	23	.04
27*	.03	.02		.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.01	.01	.01	.01	.01	.01	.018	23	.03
28	.01	.02		.02	.02	.01	.01	.01	.01	.01	.01	.02	.02	.01	.02	.01	.01	.01	.01	.01	.01	.01	.01	.01	.012	23	.03
29	.01	.01		.01	.01	.01	.01	.00	.00	.01	.01	.02	.02	.02	.02	.02	.02	.01	.01	.01	.01	.00	.00	.00	.010	23	.03
30	.00	.00		.01	.01	.01	.01	.00	.00	.01	.02	.03	.03	.03	.04	.02	.02	.02	.02	.02	.02	.01	.01	.01	.016	23	.08
31	.01	.01		.02	.01	.01	.01	.01	.01	.02	.02	.02	.03	.03	.02	.02	.02	.02	.01	.01	.01	.01	.01	.01	.015	23	.03
MEAN	.02	.02		.02	.02	.01	.02	.02	.01	.02	.02	.02	.03	.03	.03	.03	.03	.02	.02	.02	.02	.02	.02	.02	.020		
NO	29	28		26	27	27	27	27	30	30	29	27	28	30	25	28	30	31	31	31	30	30	30	30		661	
MAX	.09	.08		.03	.04	.04	.04	.04	.02	.03	.04	.04	.06	.06	.06	.06	.05	.04	.04	.06	.07	.07	.08	.08	.035		.11

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., MAR. 22, 1967

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONCENTRATIONS IN PPM

POTASSIUM IODIDE ANALYSIS

WASHINGTON, D.C.

TOTAL OXIDANT
APRIL 1966

DAY OF MONTH	AM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	PM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS.	5 MIN. MAX
1	.01	.01			.01	.01	.01	.01	.01	.01	.02	.02	.02	.01	.01	.01	.01	.01	.00	.00	.01	.02	.02	.02	.011	22	.04
2*	.02	.02		.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.03	.03	.03	.02	.02	.02	.02	.02	.01	.01	.02	.019	23	.04
3*	.01	.00		.01	.00	.01	.00	.01	.01	.01	.01	.02	.02	.02	.02	.02	.02	.02	.01	.01	.01	.01	.01	.01	.011	23	.04
4	.01	.01		.01	.01	.01	.01	.01	.00	.00	.00	.00	.01	.01			.01	.00	.01	.01	.01	.01	.01	.01	.007	21	.02
5	.01	.01		.01	.01	.01	.01	.01	.01	.02	.02	.02	.02	.02	.01	.02	.01	.00	.01	.00	.00	.00	.01	.01	.012	23	.04
6	.01	.01		.01	.01	.01	.00	.00	.01	.02	.02	.02	.02	.02	.02	.02	.02	.01	.01	.00	.00	.01	.01	.01	.012	23	.03
7	.00	.01		.00	.00	.00	.01	.01	.01			.02	.02	.02	.02	.03	.03	.02	.02	.02	.02	.02	.02	.02	.015	21	.03
8	.02	.02		.02	.02	.02	.02	.01	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.01	.02	.02	.02	.018	23	.03
9*	.02	.02		.01	.02	.01	.01	.02	.02	.02	.02	.02	.02	.03	.03	.02	.02	.02	.02	.02	.02	.02	.02	.02	.019	23	.04
10*	.02	.02		.02	.02	.02	.02	.02	.02	.03	.03	.03	.03	.03	.03	.03	.03	.03	.02	.02	.01	.01	.02		.022	22	.06
11																											
12	.04	.03		.02	.02	.02	.02	.02	.01	.02	.01	.02	.01	.01											.018	13	.04
13											.02	.02	.02	.02	.02	.02	.01	.01	.01	.01	.02	.02	.02	.02	.017	14	.03
14	.02	.01		.01	.02	.01	.02	.01	.01	.03	.02	.03	.03	.03		.03	.02	.03	.02	.02	.02	.05	.05	.05	.024	22	.06
15	.05	.02		.03	.08	.09	.09	.02	.01	.03	.03	.04	.05	.04	.05	.04	.04	.03	.03	.03	.03	.03	.03	.03	.039	23	.12
16*	.03	.03		.03	.02	.03	.03	.03	.03	.04	.05	.06	.05	.06	.06	.05	.05	.04	.04	.03	.03	.04	.02	.03	.038	23	.07
17*	.02	.05		.02	.02	.02	.02	.03	.04	.04	.05	.06	.06	.06	.07	.07	.07	.05	.05	.03	.03	.04	.05		.042	23	.08
18	.05	.05		.05	.04	.03	.03	.03	.02	.03	.03	.02	.03	.04	.04	.04	.04	.04	.04	.03	.02	.02	.02	.02	.033	23	.06
19	.02	.02		.02	.02	.02	.02	.03	.03	.04	.04	.04	.05	.06	.05	.05	.05	.05	.04	.03	.02	.02	.02	.03	.033	23	.06
20	.03	.03		.03	.03	.03	.03	.03	.03	.03	.04	.05	.06	.06	.04	.04	.04	.03	.03	.02	.02	.02	.02	.02	.031	23	.07
21	.02	.02		.01	.02	.01	.02	.02	.02	.03	.03	.03	.03	.03	.03	.03	.03	.02	.02	.02	.02	.02	.02	.02	.022	23	.04
22	.02	.02		.02	.02	.02	.01	.01	.01	.01	.02	.02	.02	.02	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.013	23	.03
23*	.01	.01		.01	.02	.01	.01	.01	.01	.02	.01	.02	.02	.02	.02	.02	.02	.02	.01	.01	.01	.01	.01	.01	.014	23	.03
24*	.01	.01		.02	.01	.01	.01	.01	.02	.02	.02	.03	.03	.04	.04	.04	.03	.03	.02	.02	.02	.02	.01	.02	.020	23	.05
25	.02	.03		.02	.02	.02	.01	.01	.01	.01	.01	.02	.02	.03	.04	.04	.04	.04	.03	.02	.02	.02	.02	.02	.022	23	.05
26																											
27										.01	.01	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.016	15	.03
28	.02	.02		.03	.03	.02	.02	.01	.02	.02	.02	.02	.02	.02	.02	.02	.02	.01	.02	.02	.01	.01	.02	.02	.018	23	.03
29	.02	.02		.02	.02	.01	.01	.00	.00	.00	.00	.01	.01	.00	.00	.00	.01	.01	.00	.01	.00	.01	.01	.01	.008	23	.03
30*	.01	.01		.00	.01	.01	.01	.01	.00	.01	.01	.01	.01	.02	.02	.02	.01	.01	.01	.01	.01	.01	.00	.00	.008	23	.02
MEAN	.02	.02		.02	.02	.02	.02	.01	.01	.02	.02	.03	.03	.03	.03	.03	.02	.02	.02	.02	.02	.02	.02	.02	.020		
NO	26	26		25	26	26	26	26	26	26	27	28	28	28	25	26	27	27	27	27	27	27	27	26		610	
MAX	.05	.05		.05	.08	.09	.09	.03	.04	.04	.05	.06	.06	.06	.07	.07	.07	.05	.05	.03	.03	.05	.05	.05	.042		.12

* Indicates Saturday or Sunday
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TABULATED WED., MAR. 22, 1967

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONCENTRATION IN PPM

POTASSIUM IODIDE ANALYSIS

WASHINGTON, D.C.

TOTAL OXIDANT
MAY 1966

DAY OF MONTH	AM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	PM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5 MIN MAX
1*	.01	.01			.01	.01	.01	.01	.01	.01	.02	.03	.04	.04	.04	.04	.03	.02	.02	.01	.01	.01	.01	.01	.018	22	.05
2	.01	.01		.01	.02	.01	.00	.00	.01	.01	.02	.02	.02	.03	.03	.03	.03	.02	.02	.01	.01	.01	.01	.01	.015	23	.06
3	.01	.01		.01	.00	.01	.02	.01	.01	.02	.02	.02	.03	.04	.03	.03	.03	.02	.02	.01	.01	.02	.03	.03	.020	23	.04
4	.03	.04		.03	.03	.02	.01	.01	.02	.02	.03	.03	.03	.03	.03	.03	.03	.03	.03	.01	.01	.01	.01	.01	.022	23	.10
5	.01	.02		.01	.02	.01	.01	.01	.02	.03	.03	.04	.04	.04	.04	.05	.03	.04	.04	.02	.03	.04	.04	.04	.028	23	.11
6	.03	.04		.04	.03	.02	.01	.02	.02	.03	.03	.04	.04	.04	.03	.04	.04	.04	.04	.03	.03	.04	.04	.05	.033	23	.05
7*	.05	.04		.03	.03	.02	.02	.03	.03	.03	.03	.04	.04	.04	.05	.04	.04	.03	.03	.03	.04	.04	.04	.04	.035	23	.06
8*	.04	.04		.04	.03	.03	.03	.03	.03	.04	.04	.05	.07	.08			.04	.03	.02	.02	.01	.02	.02	.01	.034	21	.09
9	.01	.01			.02	.01	.01	.00	.01	.01	.02	.02	.02	.02			.02	.02	.02	.02	.02	.02	.02	.02	.015	20	.05
10	.03	.02		.02	.02	.01	.00	.01	.01	.02	.02	.02	.02	.03	.03	.03	.03	.03	.02	.01	.01	.00	.00	.00	.016	23	.06
11	.01	.01		.01	.01	.00	.01	.00	.01	.03	.04	.04	.04	.03			.04	.04	.03	.03	.04	.05	.05	.05	.025	21	.10
12	.05	.07		.03	.04	.03	.02	.02	.02		.03	.04	.04	.04	.04	.03	.03	.03	.03	.03	.02	.02	.02	.02	.030	22	.16
13	.02	.02		.02	.02	.02	.02	.02	.02	.03	.04	.04	.05	.05	.06	.06	.05	.04	.04	.03	.04	.02	.02	.02	.031	23	.06
14*	.03	.02		.01	.02	.02	.02	.02	.02	.02	.02	.02	.03	.03	.04	.04	.05	.05	.03	.02	.02	.02	.02	.02	.024	23	.05
15*	.03	.03		.03	.02	.02	.02	.03	.04	.06	.07	.07	.08	.13	.12	.13	.09	.06	.07	.05	.03	.03	.05	.04	.056	23	.14
16	.05	.04		.06	.06	.06	.07								.07	.07	.07	.06	.05	.04	.02	.03	.04	.03	.049	16	.09
17	.03	.03		.03	.02	.02	.03	.02	.03	.05	.06	.08	.10	.10	.11	.11	.07	.06	.04	.04	.03	.05	.04	.03	.050	23	.12
18	.03	.03		.03	.03	.02	.02	.02	.03	.03	.04	.05	.04	.05	.05	.04	.04	.04	.04	.03	.03	.02	.02	.02	.032	23	.06
19	.02	.02		.02	.02	.02	.02	.01	.01	.02	.02	.02	.03	.04	.04	.05	.05	.05	.03	.02	.02	.02	.02	.02	.025	23	.06
20	.02	.01		.02	.02	.02	.02	.02	.03	.05	.06	.07	.07	.07	.06	.07	.07	.07	.06	.05	.04	.03	.03	.03	.042	23	.08
21*	.04	.03		.03	.02	.03	.04	.05	.09	.09	.11	.10	.11	.12	.12	.11	.08	.07	.05	.04	.04	.03	.03	.03	.063	23	.14
22*	.04	.04		.04	.04	.04	.03	.04	.04	.04	.05	.06	.05	.05	.05	.05	.05	.05	.04	.02	.02	.02	.03	.03	.039	23	.06
23	.05	.04		.02	.04	.05	.05	.05	.05	.05	.05	.06	.06	.06	.06	.05	.05	.05	.04	.03	.03	.03	.03	.04	.044	23	.07
24	.04	.05		.03	.03	.02	.03	.03	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.03	.03	.03	.03	.036	23	.08
25	.03	.03		.02	.02	.02	.02	.02	.02	.03	.03	.03	.03	.03	.03	.04	.04	.03	.02	.02	.02	.02	.02	.01	.024	23	.04
26	.01	.01		.01	.01	.02	.01	.01	.01	.02	.03	.05	.06			.08	.07	.06	.05	.03	.03	.02	.02	.02	.030	21	.09
27	.02	.02		.01	.01	.01	.01	.01	.01	.01	.01	.01	.02	.02	.02	.02	.02	.02	.02	.01	.01	.01	.01	.01	.015	23	.03
28*	.01	.01		.01	.01	.01	.01	.01	.02	.02	.02	.03	.03	.03	.03	.02	.03	.03	.02	.02	.02	.03	.03	.02	.020	23	.04
29*	.02	.02		.03	.02	.02	.03	.03	.03	.04	.05	.06	.06	.07	.07	.07	.07	.05	.04	.02	.02	.02	.02	.02	.037	23	.08
30	.02	.03		.03	.03	.02	.02	.02	.02	.03	.03	.04	.05	.05	.05	.05	.05	.05	.05	.04	.03	.04	.03	.03	.035	23	.06
31	.02	.02		.03	.02	.02	.02	.02	.01	.02	.03	.04	.03	.03	.04	.03	.04	.04	.03	.03	.02	.02	.02	.02	.026	23	.05
MEAN	.03	.03		.02	.02	.02	.02	.02	.02	.03	.04	.04	.05	.05	.05	.05	.04	.04	.03	.03	.02	.02	.02	.02	.031		
NO	31	31		29	31	31	31	30	30	29	30	30	30	29	27	28	31	31	31	31	31	31	31	31		695	
MAX	.05	.07		.06	.06	.06	.07	.05	.09	.09	.11	.10	.11	.13	.12	.13	.09	.07	.07	.05	.04	.05	.05	.05	.063		.16

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TABULATED

WED., MAR. 22, 1967

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Air Quality Section, Laboratory of Engineering and Physical Sciences
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CONCENTRATION IN PPM

POTASSIUM IODIDE ANALYSIS

WASHINGTON, D.C.

TOTAL OXIDANT
JUNE 1966

DAY OF MONTH	AM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	PM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS	5 MIN MAX
1	.02	.02		.02	.01	.01	.01	.01	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.02	.02	.02	.01	.01	.022	23	.04
2	.01	.01		.02	.01	.02	.01	.02	.03	.03	.03	.04	.04	.04		.04	.04	.04	.04	.03	.02	.02	.02	.02	.025	22	.05
3	.02	.01		.01	.02	.02	.02	.02	.03	.04	.05	.06	.06	.06	.06	.06	.06	.06	.05	.03	.03	.03	.03	.03	.038	23	.07
4*	.03	.03		.03	.03	.02	.03	.03	.05	.07	.09	.09	.09	.09	.10	.10	.09	.08	.07	.06	.04	.04	.04	.04	.058	23	.11
5*	.04	.04		.04	.04	.03	.03	.04	.04	.05	.07	.09	.11	.12	.11	.09	.09	.08	.06	.04	.03	.03	.02	.03	.056	23	.12
6	.03	.03		.03	.03	.02	.02	.02	.04	.05	.05	.06	.05	.06	.05	.05	.05	.05	.04	.03	.02	.02	.02	.03	.037	23	.07
7	.02	.02		.03	.02	.02	.02	.03		.05	.06	.07	.05	.03	.03	.03	.04	.05	.04	.03	.02	.02	.02	.01	.032	22	.09
8	.02	.02		.01	.01	.01	.02	.02	.03	.05	.04	.05	.05	.05	.05	.05	.04	.05	.04	.02	.02	.02	.02	.02	.030	23	.07
9	.02	.01		.01	.01	.01	.01	.02	.02	.02	.03	.07					.04	.04	.02	.02	.02	.01	.02	.02	.021	19	.09
10	.02	.02		.02	.02	.01	.01	.00	.01	.01	.02	.02	.03	.04	.03	.03	.04	.04	.04	.03	.02	.03	.04	.03	.024	23	.05
11*	.03	.02		.03	.03	.02	.03	.03	.03	.04	.04	.05	.05	.05			.06	.06	.05	.05	.06	.05	.05	.04	.040	21	.07
12*	.03	.03		.03	.02	.02	.03	.03	.03	.03	.03	.04	.06	.07			.08	.09	.08	.07	.04	.03	.03	.03	.042	21	.10
13	.03	.03			.03	.02	.02	.02	.02	.02	.03	.04	.05	.06			.06	.06	.05	.05	.05	.04	.04	.04	.038	20	.07
14	.04	.05		.03	.02	.02	.02	.03	.03	.04	.06	.07	.06	.06	.04	.02	.02	.02	.02	.02	.02	.01	.02	.02	.031	23	.08
15	.02	.02		.02	.01	.01	.02	.02	.03	.05	.05	.05	.04	.05	.04	.04	.04	.04	.04	.02	.02	.02	.04	.05	.031	23	.07
16	.04	.03		.01	.01	.01	.01	.02	.04	.05	.06	.05	.05	.05			.03	.03	.03	.02	.02	.02	.01	.01	.028	21	.06
17	.01	.01		.02	.02	.01	.02	.02	.02	.01	.01	.01	.03	.04			.07	.05	.06	.03	.02	.02	.02	.02	.024	21	.08
18*	.02	.01		.01	.01	.01	.02	.02	.03	.04			.06	.07	.07	.06	.05	.04	.04	.03	.02	.02	.02	.02	.032	21	.09
19*	.03	.02		.03	.03	.02	.02	.02	.04	.06	.07	.08	.08	.09	.10	.10	.10	.09	.08	.06	.05	.03	.03	.02	.053	23	.11
20	.02	.02		.03	.02	.02	.02	.03	.03	.05	.08	.09	.09	.08	.08	.07	.06	.06	.05	.04	.04	.03	.03	.03	.045	23	.11
21	.03	.02		.03	.03	.02	.02	.02		.07	.07	.08	.08	.07	.08	.08	.09								.052	15	.10
22								.03	.04	.05	.06	.06	.06	.05	.05	.06	.07	.08	.08	.07	.05	.05	.05	.03	.054	17	.09
23	.04	.05		.04	.02	.03	.03	.04	.06	.09	.08	.09	.08	.08	.08	.08	.09	.08	.08	.06	.03	.03	.02	.02	.055	23	.10
24	.02	.02		.02	.02	.02	.02	.03	.05	.07	.08	.08	.08	.08	.08	.08	.07	.07	.06	.04	.03	.03	.02	.03	.048	23	.09
25*																											
26*																											
27								.03	.05	.07	.08	.09	.09	.09	.09	.08	.07	.07	.06	.04	.03	.03			.063	15	.10
28																											
29																											
30																											
MEAN	.02	.02		.02	.02	.02	.02	.02	.03	.04	.05	.06	.06	.06	.06	.06	.06	.06	.05	.04	.03	.03	.03	.02	.039		
NO.	23	23		22	23	23	23	25	23	25	24	24	24	24	18	19	25	24	24	24	24	24	23	23		534	
MAX	.04	.05		.04	.04	.03	.03	.04	.06	.09	.09	.09	.11	.12	.11	.10	.10	.09	.08	.07	.06	.05	.05	.05	.063		.12

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., MAR. 22, 1967

CONTINUOUS AIR MONITORING PROGRAM

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

WASHINGTON, D.C.

CONCENTRATION IN PPM

POTASSIUM IODIDE ANALYSIS

TOTAL OXIDANT
JULY 1966

DAY OF MONTH	AM 12-1	AM 1-2	AM 2-3	AM 3-4	AM 4-5	AM 5-6	AM 6-7	AM 7-8	AM 8-9	AM 9-10	AM 10-11	AM 11-12	PM 12-1	PM 1-2	PM 2-3	PM 3-4	PM 4-5	PM 5-6	PM 6-7	PM 7-8	PM 8-9	PM 9-10	PM 10-11	PM 11-12	DAILY MEAN	NO. OF HRS	5 MIN. MAX
1					.02				.04	.05	.08	.10	.11	.11	.11	.10	.10	.09	.07	.06	.05	.04	.03	.02	.068	17	.12
2*	.01	.00		.01	.01	.01	.02	.04	.05	.07	.08	.08	.08	.08	.08	.06	.07	.06	.04	.03	.02	.03	.03	.03	.043	23	.09
3*	.03	.03		.02	.03	.02	.03	.04	.04	.06	.09	.09	.10	.09	.06										.052	14	.12
4																											
5								.01	.02	.03	.04	.06	.06	.04	.03	.03	.04	.04	.03	.02	.02	.02	.02	.01	.030	17	.07
6	.01	.00		.00	.02	.01	.01	.01	.02	.04	.06	.07	.08	.08	.07	.06	.04	.02	.02	.02	.01	.01	.01	.01	.028	23	.09
7	.01			.01	.01	.01		.01	.02	.03	.03	.04	.04	.04	.05	.04	.04	.04	.03	.03					.028	17	.05
8								.02	.03	.05	.06	.06	.05	.05	.05	.05	.05	.05	.05	.03	.03	.03	.02	.02	.039	17	.07
9*	.02	.02		.01	.01	.01	.02	.02	.03	.04	.04	.05	.06	.06	.07	.07	.08	.08	.06	.06	.04	.03	.03	.03	.039	23	.09
10*	.03	.03		.03	.03	.03	.03	.03	.03	.03	.03	.05	.05	.05	.05	.06	.06	.05	.04	.04	.02	.02	.02	.02	.036	23	.06
11	.02	.03		.02	.03	.02	.02	.02	.03	.04	.04	.03				.04	.02	.02	.02	.01	.01	.01	.01	.01	.023	20	.05
12																											
13		.02		.02	.01	.01	.02	.02	.04	.04	.04	.05	.06	.06	.06	.06	.06	.06	.05	.03	.02	.02	.02	.01	.035	22	.07
14	.01	.02		.03	.03	.02	.02					.05	.06	.06	.05	.05	.04	.04	.04	.04	.02	.03	.02	.03	.034	19	.06
15	.02	.03		.02	.01	.01	.01	.01	.01	.02	.02	.03					.06	.07	.07	.04	.03	.02	.02	.01	.026	19	.08
16*	.02	.02		.01	.02	.02	.02	.02	.03	.04		.07	.10	.11	.11	.10	.10	.09	.07	.07	.05	.04	.04	.04	.053	22	.12
17*	.04	.04		.03	.03	.02	.03	.03	.04	.06	.06	.08	.08	.08	.07	.08	.09	.08	.07	.06	.04	.05	.04	.05	.054	23	.09
18	.04	.05		.04	.03	.03	.02	.02	.04	.07	.11	.12	.14	.12	.11	.10	.08	.07	.05	.04	.03	.06	.05	.06	.064	23	.15
19	.05	.04		.04	.03	.02	.02	.03	.03	.04	.07	.07	.07	.07	.06	.05	.04	.04	.04	.03	.03	.02	.03	.03	.041	23	.09
20	.04	.04		.04	.04	.02	.01	.02	.02	.02	.03	.03	.03	.03	.04	.04	.04	.05	.04	.03	.02	.02	.02	.02	.030	23	.05
21	.02	.02		.02	.01	.02	.02	.02	.02	.03	.04	.05	.05	.06			.06	.07	.07	.05	.03	.04	.06	.04	.038	21	.08
22	.05	.05		.04	.03	.03	.03	.03	.05	.08	.09	.08	.09	.09	.08	.07	.06	.06	.06	.05	.05	.06	.07	.07	.059	23	.10
23*	.06	.06		.06	.06	.04	.04	.05	.07	.06	.07	.07	.07	.06	.06	.05	.05	.04	.03	.02	.02	.02	.02	.02	.046	23	.09
24*	.02	.02		.01	.02	.02	.02	.02	.02	.03	.05	.06	.06	.07			.06	.05	.04	.03	.02	.02	.02	.02	.031	21	.07
25	.02	.02			.02	.01	.01	.01	.03	.03	.03	.05	.05	.05	.04	.04	.04	.03	.03	.02	.01	.01	.01	.01	.026	22	.06
26	.01	.02		.01	.01	.01	.01	.01	.04	.08	.10	.09	.09	.10	.10	.09	.07	.08	.06	.04	.04	.02	.03	.02	.048	23	.11
27	.03	.02		.02	.02	.02	.02	.04	.04	.07	.09	.11	.13	.13	.12	.10	.07	.07	.04	.03	.03	.02	.01	.01	.054	23	.15
28	.02	.02		.02	.02	.01	.01	.01	.02			.04	.05	.04	.03	.03	.04	.04	.03	.02	.02	.02	.01	.01	.024	21	.06
29	.02	.02		.03	.02	.01	.01	.01	.02	.03	.04	.05	.05	.05	.05	.07	.07	.07	.06	.04	.03	.02	.02	.02	.034	23	.08
30*	.01	.01		.01	.02	.01	.01	.01	.01	.01	.01	.01	.01	.01			.01	.01	.01	.01	.01	.01	.02	.01	.011	21	.02
31*	.01	.01		.01	.01	.01	.01	.02	.04	.07	.07	.07	.06	.07	.08	.09	.10	.10	.09	.09	.07	.03	.03	.04	.050	23	.11
MEAN	.02	.02		.02	.02	.02	.02	.02	.03	.04	.06	.06	.07	.07	.07	.06	.06	.06	.05	.04	.03	.03	.03	.02	.040		
NO	25	25		25	27	26	25	27	28	27	26	29	27	27	24	24	28	28	28	28	27	27	27	27		612	
MAX	.06	.06		.06	.06	.04	.04	.05	.07	.08	.11	.12	.14	.13	.12	.10	.10	.10	.09	.09	.07	.06	.07	.07	.068		.15

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., MAR. 22, 1967

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

POTASSIUM IODIDE ANALYSIS

WASHINGTON, D.C.

TOTAL OXIDANT
AUG. 1966

DAY OF MONTH	AM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	PM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS.	5 MIN. MAX.
1	.04	.03		.04	.03	.02	.02	.03	.04	.06	.08	.09	.09	.09	.07	.05	.05	.04	.04	.03	.04	.05	.05	.04	.048	23	.10
2	.04	.04		.03	.03	.02	.02	.02	.03	.03	.05	.05	.06	.06	.05	.05	.04	.04	.04	.03	.03	.02	.02	.03	.035	23	.07
3	.04	.04								.03	.03	.04	.04	.04	.05	.05	.06	.05	.06	.05	.04	.03	.03	.02	.040	17	.07
4	.02	.02		.01	.01	.01	.02	.02	.03	.04	.05	.06	.06			.05	.05	.05	.04	.03	.03	.03	.03		.033	20	.06
5																											
6*											.08	.10	.12	.10	.10	.11	.12	.12	.12	.11	.08	.08	.08	.07	.099	14	.14
7*	.06	.05		.05	.06	.02	.02	.05	.12	.13	.14	.12	.09	.10			.03	.03	.03	.03	.03	.02	.02	.02	.057	21	.14
8	.01	.02			.00					.05	.06	.06	.07	.07	.07	.07	.05	.04	.04	.02	.02	.02	.03	.03	.041	18	.08
9	.03	.02		.01	.01	.01	.00	.00	.01	.01	.02	.03	.04	.03	.02	.02	.01	.01	.01	.01	.01	.01	.01	.01	.014	23	.04
10	.01	.01		.00	.00			.01	.01	.04	.04	.04	.06	.07	.08	.07	.05	.05	.04	.03	.02	.02	.02	.01	.032	21	.09
11	.02	.01		.01	.01								.03	.03	.03	.03	.02	.02	.02	.01	.01	.01	.01	.01	.017	16	.04
12	.01	.02		.01	.01	.01	.01	.01	.01	.02	.04	.04	.04	.05	.05	.05	.05	.04	.04	.02	.02	.02	.01	.02	.026	23	.06
13*	.01	.01		.01	.02	.01	.01	.02									.04	.04		.02	.02	.01	.01	.02	.019	14	.05
14*	.02	.02		.02	.03	.03	.04	.04	.04	.05	.05	.05	.04	.04			.04	.03	.03	.02	.02	.02	.02	.02	.031	21	.05
15	.02	.02			.01	.01	.00	.00	.00	.01	.01	.02	.02	.04	.05	.04	.03	.03	.03	.02	.01	.01	.01	.01	.018	22	.05
16	.01	.01		.01	.00	.00	.00	.00	.02	.04	.06	.08	.06	.05	.04	.06	.04	.04	.03	.02	.02	.02	.02	.02	.028	23	.08
17	.03	.04		.04	.04	.03	.02	.03	.03	.04	.05	.05	.06	.05	.06	.06	.06	.06	.04	.03	.02	.01	.01	.01	.037	23	.07
18	.01	.01		.01	.01	.01	.02	.02	.05	.09	.05	.09	.08	.08	.07	.07	.07	.07	.05	.03	.02	.04	.04	.03	.043	23	.10
19	.03	.03		.03	.02	.01	.01	.02	.04	.06	.06	.07	.09	.08	.07	.08	.07	.07	.05	.03	.02	.02	.02	.02	.044	23	.11
20*	.03	.03		.04	.04	.03	.02	.02	.03	.04	.06	.09	.11	.13	.14	.13	.12	.10	.10	.07	.06	.05	.04	.03	.065	23	.15
21*	.03	.03			.03	.04	.05	.04	.04	.05	.05	.07	.08	.09	.08	.09	.09	.08	.07	.06	.05	.04	.05	.05	.056	22	.11
22	.05	.05			.03	.03	.02	.03	.04	.05	.10	.11	.10	.08	.04	.05	.04				.02	.03	.03	.03	.048	19	.12
23	.02	.02									.03	.03	.04	.06	.06	.07	.08	.06	.06	.06	.06	.05	.04	.03	.048	16	.09
24	.03	.04		.04	.03	.02	.02	.02	.03			.05	.05	.05	.06	.06	.05	.05	.04	.03	.02	.02	.02	.02	.036	21	.06
25	.02	.02		.02	.02	.02	.02	.02	.03	.05	.06	.06	.06	.06	.06	.06	.06	.06	.04	.03	.02	.03	.02	.02	.037	23	.08
26	.03	.03		.03	.03	.02	.02	.03	.03	.04	.05	.06	.06	.06	.06	.06	.06	.05	.04	.03	.03	.03	.03	.02	.039	23	.08
27*	.02	.02		.03	.03	.03	.03	.03	.04	.06	.07	.08	.08	.09	.09	.07	.07	.06	.04	.03	.02	.02	.02	.02	.045	23	.10
28*	.03	.03		.04	.04	.03	.03	.05	.06	.07	.08	.09	.08	.09	.10	.09	.08	.08	.05	.04	.04	.03	.04	.03	.055	23	.10
29	.02	.03			.02	.02	.03	.03	.05	.10	.16	.12	.08	.11	.11	.09	.08	.07	.05	.05	.05	.05	.03	.04	.062	22	.17
30	.06	.06		.05	.04	.03	.03	.03	.04	.06	.07	.07				.06	.05	.06	.06	.04	.04	.04	.03	.04	.046	20	.08
31	.04	.05		.04	.04	.03	.02	.02	.04	.08	.12	.12	.13	.13	.13	.12	.09	.06	.05	.03	.04	.03	.03	.03	.063	23	.14
MEAN	.03	.03		.03	.02	.02	.02	.02	.04	.05	.06	.07	.07	.07	.07	.07	.06	.05	.05	.03	.03	.03	.03	.02	.042		
NO.	29	29		22	27	24	24	25	24	25	27	28	28	27	25	27	30	29	28	29	30	30	30	29		626	
MAX	.06	.06		.05	.06	.04	.05	.05	.12	.13	.16	.12	.13	.13	.14	.13	.12	.12	.12	.11	.08	.08	.08	.07	.099		.17

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., MAR. 22, 1967

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONCENTRATION IN PPM
POTASSIUM IODIDE ANALYSIS

WASHINGTON, D.C.

TOTAL OXIDANT
SEPT. 1966

DAY OF MONTH	AM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	PM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS.	5 MIN. MAX.
1	.03	.03			.02	.02	.02	.03	.04	.06	.08	.12	.12	.11	.08	.07	.07	.13	.14	.10	.07	.05	.03	.03	.066	22	.16
2	.05	.04		.03	.03	.02	.02	.03	.03	.04	.06	.08	.10	.10	.11	.10	.08	.07	.04	.03	.03	.04	.05	.04	.053	23	.12
3*	.04	.04		.05	.04	.05	.05	.05	.06	.06	.09	.10	.09	.10			.09	.08	.06	.05	.06	.06	.05	.06	.062	21	.11
4*	.06	.05		.05	.04	.04	.04	.04	.05	.05	.06	.05	.05	.06			.03	.04	.03	.02	.02	.01	.02	.02	.039	21	.07
5	.02	.03			.03	.03	.02	.03	.05	.06	.06	.06	.06	.06	.07	.07	.06	.05	.04	.03	.03	.03	.02	.02	.041	22	.07
6	.02	.03		.02	.02	.02	.02	.03	.03	.04	.05	.05	.05	.05	.05	.05	.04	.04	.03	.02	.02	.02	.02	.02	.032	23	.06
7	.02	.01		.02			.01	.01	.02	.03	.03	.03	.04	.04	.04	.03	.03	.02	.02	.02	.02	.01	.01		.023	20	.04
8																											
9							.02	.02	.03	.04	.04	.05				.05	.04	.04	.03	.03	.05	.05	.04	.02	.036	15	.08
10*	.02	.02		.02	.03	.02	.03	.03	.04	.06	.08	.09	.10	.10	.09	.08	.07	.06	.04	.03	.03	.04	.03	.03	.049	23	.12
11*	.03	.03		.02	.03	.04	.04	.05	.06	.08	.11	.12	.12	.13			.12	.13	.12	.06	.03	.05	.06	.03	.069	21	.14
12	.03	.03			.04	.03	.04	.04	.06	.09	.08	.07	.07	.05	.04	.03	.03	.03	.03	.03	.03	.02	.02	.02	.040	22	.10
13	.02	.02		.02	.01	.01	.01	.02	.01	.02	.02	.02	.03	.03	.02	.02	.02	.02	.01	.01	.01	.01	.01	.01	.016	23	.03
14	.01	.01		.02	.01	.01	.01	.02	.02	.01	.01	.02	.02	.02				.02	.01	.01	.01	.02	.01	.01	.014	20	.03
15	.01	.01		.01	.01						.02	.02	.02	.02	.03	.02	.01	.01	.01	.01	.01	.01	.01	.01	.014	18	.03
16	.01	.01		.01	.01			.02	.01	.01	.01	.02	.03	.04	.04	.04	.03	.03				.09	.08	.10	.033	18	.11
17*	.09	.09		.03	.02	.04	.04	.05	.04	.04	.05	.06	.09	.12			.10	.06	.03	.03	.02	.02	.04	.06	.052	21	.14
18*																											
19		.05			.06	.04	.03	.04	.04	.06	.07	.08	.07	.07	.06	.05	.05	.03	.04	.03	.03	.02	.03	.03	.046	21	.08
20	.02	.02		.03	.03	.03	.02	.02	.02	.02	.03	.03	.03	.03	.03	.03	.03	.03	.03	.04	.04	.03	.03	.03	.028	23	.04
21	.03	.03		.02	.02	.01	.01	.02	.02	.02	.02	.02	.02	.02											.020	13	.03
22																											
23							.02	.02	.02	.02	.02	.02	.03	.03	.02	.03	.02	.02	.02	.02	.02	.02	.01	.01	.020	17	.04
24*	.01	.01		.01	.01	.01	.02	.01	.01	.01	.01	.03	.03	.04	.04	.04	.03	.02	.02	.03	.05	.06	.05	.04	.025	23	.08
25*	.05	.03		.01	.02	.02	.01	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.01	.019	23	.06
26	.01	.01		.01	.01	.02	.02	.02	.02	.02	.01	.01	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.016	23	.03
27	.02	.02		.02	.02	.03	.03	.03	.02	.01	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.03	.03	.03	.022	23	.04
28	.02	.02		.02	.02	.03	.04	.03	.03	.02	.03	.02	.01	.02	.02	.02	.02	.03	.03	.04	.04	.03	.02	.02	.025	23	.09
29	.01	.01		.01	.01	.02	.02					.02	.02	.03	.03	.03	.02	.02	.02	.02	.02	.02	.02	.01	.019	19	.04
30	.01	.01		.01	.01	.02	.03	.04	.03	.03	.03	.04	.04	.04	.03	.03	.02	.02	.02	.02	.02	.02	.02	.02	.023	23	.05
MEAN	.03	.03		.02	.02	.02	.02	.03	.03	.04	.04	.05	.05	.05	.04	.04	.04	.04	.03	.03	.03	.03	.03	.03	.036		
NO.	24	25		21	24	22	24	25	25	25	26	27	26	26	20	21	25	26	25	25	25	26	26	25		564	
MAX	.09	.09		.05	.06	.05	.05	.05	.06	.09	.11	.12	.12	.13	.11	.10	.12	.13	.14	.10	.07	.09	.08	.10	.069		.16

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., MAR. 22, 1967

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONCENTRATION IN PPM

POTASSIUM IODIDE ANALYSIS

WASHINGTON, D.C.

TOTAL OXIDANT
OCT. 1966

DAY OF MONTH	AM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	PM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS.	5 MIN MAX
1*	.01	.01			.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.00	.00	.01	.010	22	.03
2*	.01	.01		.01	.01	.01	.01	.01	.01	.02	.02	.03	.03	.04	.04	.04	.04	.04	.02	.03	.04	.02	.01	.03	.023	23	.05
3	.04	.06		.07	.08	.09	.08	.05	.05	.03	.04							.03	.02	.02	.02	.02	.02	.02	.043	17	.11
4	.02	.02		.02	.02					.02	.02					.02	.02	.02	.02	.02	.01	.02	.02	.02	.017	15	.02
5	.02	.02		.01	.02	.01	.01	.01	.00	.01	.01	.01	.01	.01			.02	.02	.01	.01	.01	.01	.01	.01	.012	21	.02
6																											
7																											
8*																											
9*																											
10																											
11																											
12																											
13																											
14																											
15*																											
16*																											
17																											
18	.01	.00		.00	.00	.01	.02	.02	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.00	.00	.00	.01	.01	.01	.008	23	.04
19	.01	.00		.00	.00	.01	.01	.01	.01	.01	.02	.01	.01	.01			.01	.01	.01	.01	.01	.01	.01	.01	.009	21	.02
20	.01	.01		.01	.01	.01	.01	.01			.02	.01	.01	.02	.01	.01	.01	.01	.00	.01	.01	.01	.01	.01	.011	21	.02
21	.01	.01		.02	.01	.01	.02	.02	.02	.02	.03	.03	.04	.03	.02	.02	.02	.01	.01	.01	.01	.01	.01	.01	.017	23	.05
22*	.01	.01		.01	.01	.01	.01	.01	.01	.02	.02	.02	.03	.04	.04	.04	.03	.02	.02	.02	.02	.02	.02	.02	.019	23	.05
23*	.02	.02		.01	.02	.01	.01	.01	.01	.02	.02	.02	.04	.06	.06	.05	.03	.01	.01	.01	.02	.02	.02	.02	.022	23	.07
24	.01	.01		.02	.01	.01	.00	.01	.01	.01	.02	.02	.02	.02	.02	.02	.01	.01	.01	.00	.00	.01	.01	.01	.010	23	.03
25	.01	.01						.00	.00	.00	.00	.00	.00	.00		.01	.01	.01	.00	.00	.00	.00	.01	.00	.004	18	.02
26	.01	.01		.01	.01	.01	.01	.01	.01	.00	.01	.02	.04	.05	.04	.04	.03	.01	.02	.02	.02	.03	.03	.03	.020	23	.05
27										.01	.02	.03	.04	.06	.07	.05	.03	.02	.02	.02	.03	.04	.05	.05	.036	15	.08
28	.04	.04		.05	.03	.03	.03	.03	.02	.02	.03	.03	.06	.06	.06	.05	.03	.02	.03	.04	.06	.05	.04	.03	.038	23	.08
29*	.02	.02		.02	.02	.02	.03	.03	.02	.02	.03	.06	.06	.07	.06	.04	.02	.02	.01	.01	.02	.02	.01	.01	.026	23	.07
30*	.01	.01		.01	.01	.01	.01	.01	.01	.02	.02	.03	.03	.03	.03	.02	.01	.01	.00	.00	.01	.01	.00	.01	.013	23	.03
31	.01	.00		.00	.00	.01	.01	.01	.01							.02	.02	.02	.01	.01	.00	.01	.01	.01	.009	17	.04
MEAN	.02	.01		.02	.02	.02	.02	.01	.01	.01	.02	.02	.03	.03		.03	.02	.02	.01	.01	.01	.02	.02	.02	.018		
NO.	18	18		16	17	16	16	17	16	17	18	16	16	16	13	16	18	19	19	19	19	19	19	19		397	
MAX	.04	.06		.07	.08	.09	.08	.05	.05	.03	.04	.06	.06	.07	.07	.05	.04	.04	.03	.04	.06	.05	.05	.05	.043		.11

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., MAR. 22, 1967

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONCENTRATION IN PPM

POTASSIUM IODIDE ANALYSIS

WASHINGTON, D.C.

TOTAL OXIDANT
NOV. 1966

DAY OF MONTH	AM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	PM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS	5 MIN. MAX
1	.01	.01		.01	.02	.01	.01	.02	.01	.02	.02	.04	.04	.05	.05	.04	.03	.03	.03	.02	.02	.03	.03	.02	.024	23	.05
2	.01	.02		.02	.02	.02	.02	.02	.03	.03	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.03	.03	.02	.021	23	.04
3	.03	.03		.02	.02	.02	.02	.01	.02	.02	.03	.02	.02	.03	.03	.02	.03	.03	.02	.02	.02	.02	.02	.02	.021	23	.04
4	.02	.03		.03	.02	.02	.02	.02	.02	.03	.02	.02	.03	.03	.03	.02	.02	.02	.03	.02	.03	.02	.03	.03	.023	23	.04
5*	.02	.02		.02	.01	.02	.03	.02	.02	.02	.02	.03	.04	.04	.04	.03	.02	.02	.02	.02	.02	.03	.03	.02	.024	23	.04
6*	.02	.02		.02	.03	.03	.02	.02	.02	.02	.03	.03	.03	.03	.03	.03	.02	.02	.02	.02	.02		.02	.02	.023	22	.04
7	.02	.01			.03	.04	.04	.05	.04	.04	.05	.04	.05	.05	.05	.04	.03	.04	.05	.04	.02	.03	.03	.03	.035	22	.07
8	.02	.02		.03	.02	.03	.03	.03		.03	.03	.03	.03	.04	.04	.03	.03	.04	.02	.02	.02	.02	.02	.02	.027	22	.06
9	.02	.02		.03	.03	.02	.02	.03	.03	.03	.03	.03	.04	.04	.04	.02	.03	.03							.028	17	.04
10							.02	.02	.02	.02	.02	.02	.02	.03	.03	.03	.02	.03	.02	.02	.02	.02	.02	.02	.022	18	.04
11	.02	.02		.02	.02	.02	.01	.01	.02	.02	.03	.03	.03	.04	.05	.03	.02	.02	.02	.03	.04	.03	.01	.02	.024	23	.05
12*	.01	.01		.02	.01	.02	.01	.01	.01	.01	.01	.02	.02	.02	.02	.02	.02	.01	.02	.02	.02	.01	.02	.02	.016	23	.03
13*	.01	.01		.02	.02	.01	.01	.01	.02	.02	.02	.02	.02	.03			.02	.02	.02	.01	.01	.01	.01	.01	.015	21	.04
14	.01	.01			.01	.01	.01	.02	.01	.01	.02	.02	.02	.02	.02	.02	.02	.03	.03	.03	.02	.02	.01	.02	.017	22	.04
15	.01	.00		.01	.01	.01	.01	.01	.02	.02	.02	.02	.02	.02	.03	.02	.01	.02	.03	.03	.03	.03	.03	.04	.018	23	.05
16	.04	.03		.04	.05	.06	.05	.07	.05	.03	.02	.02	.02	.02	.03	.03	.02	.03	.03	.03	.03	.02	.02	.02	.032	23	.08
17	.02	.02		.02	.02	.02	.02	.03	.03	.02	.01	.01	.01	.03	.03	.02	.02	.04	.04	.03	.02	.04	.02	.02	.022	23	.07
18	.02	.02								.03	.02	.02	.03	.04	.06	.05	.05	.04	.03	.02	.06	.05	.03	.02	.035	17	.10
19*	.02	.02		.02	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.00	.00	.01	.01	.01	.01	.010	23	.02
20*	.01	.01		.00	.00	.00	.00	.00	.00	.01	.01	.02	.02	.02	.02	.02	.01	.00	.00	.01	.01	.02	.02	.01	.010	23	.03
21	.02	.02		.02	.01	.01	.01	.02	.02	.01	.02	.02	.01	.02	.02	.02	.01	.02	.03	.03	.02	.02	.03	.03	.018	23	.04
22	.04	.06		.03	.05	.03	.02	.02	.03	.02	.01		.02	.02	.03	.02	.02	.02	.02	.04	.04	.06	.10	.13	.038	22	.14
23	.12	.13		.12	.12	.11	.11	.11	.12	.12	.04	.05	.04	.03	.03	.02	.02	.04	.04	.06	.09	.11	.12	.11	.080	23	.17
24	.10	.09		.08	.06	.05	.04	.02	.03	.03	.01	.01	.02	.03	.03	.03	.02	.03	.07	.11	.13	.16	.07	.06	.054	23	.22
25	.06	.06		.06	.05	.06	.06	.05	.04	.06	.04	.02	.02	.02			.02	.04	.04	.02	.03	.02	.02	.02	.039	21	.08
26*	.03	.02		.02	.02	.03	.02	.02	.01	.01	.01	.02	.02	.02	.03	.02	.02	.02	.02	.04	.05	.07	.05	.04	.026	23	.08
27*	.04	.06		.07	.10	.09	.09	.07	.05	.03	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.039	23	.11
28	.03	.03		.05	.05	.04	.03	.03	.02	.02	.02	.03	.02	.02	.02	.02	.02	.02	.01	.01	.01	.01	.01	.01	.023	23	.06
29																											
30											.00	.01	.01	.01	.01	.01	.00	.01	.00	.01	.01	.01	.00	.00	.004	14	.01
MEAN	.03	.03		.03	.03	.03	.03	.03	.03	.03	.02	.02	.02	.03	.03	.02	.02	.02	.02	.03	.03	.03	.03	.03	.027		
NO	27	27		24	26	26	27	27	26	28	29	28	29	29	27	27	29	29	28	28	28	27	28	28		632	
MAX	.12	.13		.12	.12	.11	.11	.11	.12	.12	.05	.05	.05	.05	.06	.05	.05	.04	.07	.11	.13	.16	.12	.13	.080		.22

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., MAR. 22, 1967

CONTINUOUS AIR MONITORING PROGRAM

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U.S. Department of Health, Education and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

WASHINGTON, D.C.

TOTAL OXIDANT
DEC. 1966

CONCENTRATIONS IN PPM

POTASSIUM IODIDE ANALYSIS

DAY OF MONTH	AM 12 1	1 2	2 3	3 4	4 5	5 6	6 7	7 8	8 9	9 10	10 11	11 12	PM 12 1	1 2	2 3	3 4	4 5	5 6	6 7	7 8	8 9	9 10	10 11	11 12	DAILY MEAN	NO OF HRS	5 MIN MAX
1	.00	.00		.00	.00	.00	.01	.01	.01	.00	.00	.00	.00	.00	.00	.02	.02	.02	.01	.01	.01	.00	.01	.006	22	.03
2	.01	.00	.00	.00	.00	.00	.00	.00	.01	.00	.00	.01	.01	.01	.01									.004	15	.02
3*																										
4*	.00	.00	.00	.00	.01	.00	.00	.00	.01	.01	.01	.01	.01											.005	13	.02
5																										
6	.02	.01	.01	.01	.02	.02	.04	.05	.02		.04	.03	.05	.05	.04	.04	.04	.04	.03	.03	.02	.02	.02	.029	22	.07
7	.02	.01	.01	.01	.01	.02	.03								.04	.05	.08	.08	.10	.08	.04	.02	.01	.037	16	.12
8	.01	.01	.01	.01	.01	.02	.04	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.019	23	.05
9	.01	.01	.01	.01	.01	.02	.04	.03	.02	.02	.02	.02	.02	.03	.02	.02	.02	.03	.03	.03	.01	.01	.02	.019	23	.05
10*	.02	.02	.02	.02	.02	.01	.01	.01	.01	.01	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.017	23	.02
11*	.02	.01	.02	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01										.011	13	.02
12																										
13																										
14																										
15																										
16																										
17*									.04	.05	.06	.06	.04	.03	.02	.04	.06	.05	.03	.04	.03	.02	.02	.038	15	.08
18*	.02	.01	.01	.01	.01	.01	.02	.02	.02	.02	.02	.02	.02	.02	.03	.03	.04	.05	.07	.02		.02	.01	.022	22	.11
19	.01	.01		.01	.01	.00			.00	.01	.02	.03	.01	.01	.01		.00	.00	.00	.00	.00	.00	.01	.007	19	.04
20	.00	.00	.01	.00	.01	.00	.02	.02	.01	.02	.03	.04	.03			.03	.03	.02	.01	.00	.00	.00	.00	.013	21	.05
21	.01	.01	.01	.01	.00	.00	.02	.02			.01	.01	.02	.02	.02	.01	.02	.02	.03	.02	.01	.01	.02	.013	21	.04
22	.02	.04	.02	.02	.01	.02	.01	.02	.01	.03	.03	.02	.01											.020	13	.05
23								.00	.00	.00	.00	.01	.01	.01	.01	.00	.00	.01	.01	.01	.01	.01	.00	.005	16	.02
24*	.00	.01	.00	.01	.01	.01	.01	.01	.00	.00	.00	.00	.01	.01		.01	.01	.01	.01	.01	.01	.01	.01	.007	21	.02
25*	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.02	.02		.01	.00	.01	.01	.01	.01	.01	.01	.011	21	.04
26																										
27																										
28		.10	.07	.04	.03	.02	.01	.06	.07	.01	.02	.01	.01			.01	.02	.02	.02	.02	.02	.02	.01	.029	20	.14
29	.02	.01	.02	.01	.01	.02	.02	.04			.02	.02	.02	.02	.02	.01	.01	.01	.01	.01	.01	.01	.01	.015	21	.08
30	.01	.01	.01	.00	.00	.00	.00	.00	.00	.00	.00	.01	.01	.01	.01	.01	.01	.01	.01	.00	.00	.00	.00	.005	23	.02
31*	.00	.00	.02	.02	.02	.03	.03	.03	.01	.02	.02	.01	.01			.02	.01	.01	.01	.01	.01	.01	.01	.015	21	.05
MEAN	.01	.01	.01	.01	.01	.01	.02	.02	.01	.01	.02	.02	.02			.02	.02	.02	.02	.02	.01	.01	.01	.016		
NO	19	20	18	20	20	20	19	19	19	18	21	21	21	13	14	17	18	18	18	18	17	18	18		424	
MAX	.02	.10	.07	.04	.03	.03	.04	.06	.07	.05	.06	.06	.05	.05	.04	.05	.08	.08	.10	.08	.04	.02	.02	.038		.14

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., MAR. 22, 1967

TABULATED 04/10/67

CONTINUOUS AIR MONITORING PROGRAM
AISI SPOT (COH/1000 LIN.FT.)

DAY OF MONTH	TIME (STARTING HOUR) 0000	0200	0400	0600	0800	1000	1200	1400	1600	1800	2000	2200	AVG	N (1)	MAX (2)
						WASHINGTON D.C.									JAN/66
01		0.1		0.3	0.2		0.0	0.1		0.0	0.1	0.3	0.17	08	0.3
02	0.4	0.1	0.1		0.2	0.1	0.3	0.4	0.3			0.2	0.30	09	0.4
03	0.0		0.0	0.7		2.4	1.3	1.1	1.6	1.5	0.8	1.3	1.11	10	2.4
04	0.2	0.6	0.9	1.3	2.0	1.3	1.5	1.3	2.1	2.2	3.1	3.4	1.71	12	3.4
05	3.0	4.1	2.7	7.1		5.2	4.2	2.9	4.1	3.0	2.1	2.1	3.70	11	7.1
06	2.1	0.9	1.1	2.3	2.2	2.8	0.9	0.5	0.0	0.8	1.4	1.2	1.39	12	2.8
07	1.2	2.4	2.7	5.2	5.2	3.2	2.5	2.2	2.8	4.2	3.7	3.6	3.30	12	5.2
08	0.6	0.7	0.7	3.3	6.2	3.0	1.0	1.2	1.4	1.0	0.7	0.5	1.74	12	6.2
09	1.4	0.9	0.8	1.2	1.3	1.5	1.4	0.9	2.0	2.0	1.8	1.7	1.44	12	2.0
10	1.2	0.6	1.3	3.0	1.8	1.6	1.0	0.8	1.2	1.3	1.0	0.2	1.30	12	3.0
11	0.3	0.3	0.9	0.5	1.5	0.9	1.1	0.9	1.3	1.1	1.7	1.2	1.01	12	1.7
12	1.5	0.8	0.5	2.3		1.4	1.2	2.2	2.3	2.3	1.9	3.1	1.80	11	3.1
13	2.7	2.2	1.4	2.0	1.0	1.5	1.7	1.9	3.3	2.4	1.9	2.7	2.11	12	3.3
14	2.5	1.8	2.1	3.9	3.9	2.8	2.7	2.6	2.9	3.3	2.5	1.3	2.74	12	3.9
15	0.6	0.3	0.7	1.0	1.1	1.7	1.8	3.0	3.1	4.0	3.7	3.1	2.05	12	4.0
16	4.1	1.9	1.4	1.7	1.1	1.4	1.1	1.1	0.9	1.5	1.1	1.0	1.35	12	4.1
17	0.8	0.9	0.4	1.0	0.5	1.3	1.7	1.2	2.1	1.6	0.6	0.9	1.11	12	2.1
18	1.1	1.1	1.4	2.6	1.7	1.3	1.4	1.9	1.9	2.2	1.8	1.5	1.68	12	2.6
19	0.7	1.1	1.0	1.0		0.8	1.5	1.0	1.0	0.5	1.2	1.2	1.04	11	1.5
20	1.1	1.4	2.4	1.3	1.9	2.5	1.2	1.2	1.7	2.5	1.4	1.0	1.67	12	2.5
21	0.1	0.3	0.5	0.6	0.3	1.2	0.9	0.7	1.8	3.1	3.7	3.8	1.45	12	3.8
22	3.0	3.1	3.7	3.0	2.6	2.2	2.1	1.2	0.7	0.2		0.3	2.05	11	3.7
23	0.5	0.7	0.9	0.5	0.5	0.8	1.5	1.4	0.5	0.8	0.6	0.4	0.81	12	1.5
24	0.9	0.6	1.2	0.7	1.4	2.5	0.5	1.1	0.6	0.7	1.5	1.2	1.12	12	2.5
25	1.4	1.3	1.4	1.2	0.6	0.7	0.4	1.7	2.0	1.6	0.9	0.9	1.21	12	2.0
26	0.1	0.9	0.6	1.4		1.2	0.7	0.7	1.2	1.5	0.3	0.8	0.90	11	1.5
27	0.7	0.8	1.7	2.5	1.0	1.8	2.0	1.7	3.3	2.4	1.8	1.1	1.78	12	3.3
28	0.5	2.6	0.6	0.3	1.2	0.9	1.0	1.1	0.9	1.2	1.3	1.1	1.10	12	2.6
29	1.2	1.2	1.4	1.3	1.3	1.6	1.4	1.9	1.5	0.5	0.8	0.7	1.27	12	1.9
30	1.1	5.6	11.1	2.0	3.2	5.4	3.7	4.1	1.8	1.7	1.2	1.2	3.54	12	11.1
31	0.6	1.6	1.5	2.2	1.6	1.6	0.8	0.3	0.7	0.1	0.1	0.1	0.98	12	2.2
AVG	1.18	1.36	1.57	1.91	1.75	1.88	1.43	1.42	1.70	1.70	1.54	1.39	1.55		
N(3)	30	30	30	30	26	30	31	31	30	30	29	31		358	
MAX*	4.1	5.6	11.1	7.1	6.2	5.4	4.2	4.1	4.1	4.2	3.7	3.8	3.70		11.1

(1) N=NUMBER OF VALID 2-HR SPOTS
(2) MAX=MAXIMUM 2-HR COH (DY)
(3) N=DAYS WITH VALID VALUES
* MAX=MAXIMUM 2-HR COH (MO)
VALUES GREATER THAN 6.0 UNDERESTIMATE ACTUAL VALUE

TABULATED 03/21/67

CONTINUOUS AIR MONITORING PROGRAM
AISI SPOT (COH/1000 LIN.FT.)

WASHINGTON D.C. FEB/66

DAY OF MONTH	TIME (STARTING HOUR) 0000	0200	0400	0600	0800	1000	1200	1400	1600	1800	2000	2200	AVG	N (1)	MAX (2)
01	0.3	0.2	1.0	1.7	1.8	2.1	0.8	1.2	1.9	1.8	0.8	0.6	1.22	12	2.1
02	0.7	0.4		0.4		1.6	0.6	0.3	0.2		0.0	0.1	0.52	09	1.6
03	0.7	1.2	0.6	0.1	1.9	1.9	1.1	0.5	1.2	1.8	1.8	1.5	1.22	12	1.9
04	1.0	0.4	0.3	0.6	1.5	1.1	0.3	0.4	0.0	0.2	0.5	1.1	0.65	12	1.5
05	1.7	1.0	0.2	1.4	1.5	0.6	0.1	0.5	0.1	0.9		0.2	0.77	11	1.7
06	0.9	0.5	1.3	3.4	2.7	0.7	0.3		0.5	0.2	0.2	1.0	1.09	11	3.4
07	1.1	0.8	0.6	0.2	0.4		0.3	0.7	2.2	2.3	1.2	0.8	0.99	11	2.3
08	0.2	0.2	0.5	1.6	1.7	2.2	0.6	0.6	0.5	1.0	0.7	1.2	0.97	12	2.2
09	3.0	2.6	2.1	0.6		2.7	3.0	2.9	2.4	2.5	2.1	1.4	2.36	11	3.0
10	1.1	1.8	2.1	2.4	2.7	2.9	1.8	4.1	4.1	4.1	3.4	3.0	3.00	12	5.0
11	1.3	0.7	1.7	2.9	3.2	1.4	2.9	2.7	4.2	8.0	6.7	6.5	3.57	12	8.0
12	4.7	1.9	3.2	5.0	6.3	2.9	2.2	2.6	2.1	0.8	0.9	4.4	2.95	12	6.3
13	2.4	1.5	1.1	0.4	0.7	1.6	1.0	1.1	0.5	0.8	0.4	0.5	1.05	12	2.4
14	0.8	0.2	0.8	1.7	1.4	0.8	0.3	0.4	0.7	2.3	1.6	2.5	1.17	12	2.5
15	1.0	1.0	1.8	4.0	2.6	1.6	1.2	1.6	2.1	1.9	2.1	2.3	1.96	12	4.0
16	0.8	1.1	1.4	2.1		1.7	1.8	2.4	1.9	2.0	1.3	0.4	1.75	11	2.4
17	1.7	0.9	1.9	1.5	1.6	1.3	1.0	1.2	1.6	1.9	2.3	1.3	1.55	12	2.3
18	2.0	2.6	2.8	4.1	4.7	2.6	1.3	1.0	2.1	2.0	1.8	1.5	2.41	12	4.7
19	1.6	2.5	3.5	3.9	3.6	2.2	1.4	1.2	1.4	2.1	0.9	0.9	2.14	12	3.9
20	0.4	0.4	0.8	1.3	0.8	1.2	0.3	1.1	1.7	0.9	1.4	0.6	0.95	12	1.7
21	1.2	0.6	1.3	2.2	2.7	1.3	1.4	1.4	2.6	1.4	2.4	1.5	1.70	12	2.7
22	1.8	1.5	1.8	2.2	1.0	0.9	0.7	1.2	1.2	1.4	1.5	1.4	1.42	12	2.2
23	1.7	4.3	7.8	2.4		1.4	1.2	1.1	1.3	1.7	1.3	1.8	2.01	11	7.8
24	1.5	1.6	1.2	2.9	3.4	3.4	3.9	4.2	2.8	3.3	2.8	2.6	2.84	12	4.2
25	1.9	1.6	2.1	2.1	2.5	2.1	2.4	1.7	2.1	1.6	1.5	1.7	1.99	12	2.5
26	2.3	1.6	1.1	2.1	1.8	1.0	0.6	1.1	0.5	1.2	1.4	1.7	1.40	12	2.3
27	1.3	1.3	1.9	2.2	2.7	0.6	1.0	1.4	1.1	1.5	1.3	1.1	1.48	12	2.7
28	0.6	0.7	0.9	2.7	1.8	2.4	1.9	2.2	2.5	1.7	1.1	1.2	1.67	12	2.7
29															
AVG	1.41	1.25	1.69	2.07	2.29	1.71	1.26	1.51	1.62	1.90	1.60	1.67	1.63		
N(3)	28	28	27	28	24	27	28	27	28	27	27	28		327	
MAX*	4.7	4.3	7.8	5.0	6.3	3.4	3.9	4.2	4.2	8.0	6.7	6.5	3.57		8.0

(1) N=NUMBER OF VALID 2-HR SPOTS
(2) MAX=MAXIMUM 2-HR COH (DY)
(3) N=DAYS WITH VALID VALUES
* MAX=MAXIMUM 2-HR COH (MO)
VALUES GREATER THAN 6.0 UNDERESTIMATE ACTUAL VALUE

TABULATED 03/21/67

CONTINUOUS AIR MONITORING PROGRAM
AISI SPOT (COH/1000 LIN.FT.)

DAY OF MONTH	TIME (STARTING HOUR) 0000	0200	0400	0600	0800	1000	1200	1400	1600	1800	2000	2200	AVS	N (1)	MAX (2)
	WASHINGTON D.C.														MARCH/66
01	1.7	0.9	0.8	1.6	1.5	0.8	0.9	1.1	1.4	1.0	0.7	0.6	1.13	12	1.7
02	0.2	0.4	0.4	2.0		1.4	0.8	0.8	1.3	4.7	7.3	6.1	2.33	11	7.3
03	6.8	3.8	2.7	3.5	4.1	2.7	2.3	1.1	1.6	1.5	1.7	0.9	2.76	12	6.8
04	1.2	1.3	0.8	1.1	2.3	1.0	1.2	0.7	1.5	0.7	0.7	0.8	1.16	12	2.3
05	0.7	0.3	0.8	0.6	1.7	1.6	0.8	0.7	1.3	1.1	1.3	0.5	1.00	12	1.7
06	0.7	0.7	0.8	0.5	0.6	0.6	0.4	1.1	0.8	1.0	1.5	1.6	0.90	12	1.6
07	1.2	1.1	2.0	2.8	2.1	0.3	1.0	0.8	0.8		0.0	0.6	1.20	11	2.8
08	1.2	1.0	2.3	1.9	2.0	0.6	0.6	1.3	0.9	3.9	1.8	2.2	1.68	12	3.9
09	2.3	1.8	1.9	2.2		1.3	1.0	1.4	1.4	2.1	2.6	1.4	1.80	11	2.6
10	2.5	1.9	2.1	2.5	2.2	1.9	0.7	1.9	1.9	1.8	1.4	2.1	1.95	12	2.5
11	1.3	1.7	1.8	2.7	3.7	3.1	1.7	0.4	0.5	1.0	1.6	1.8	1.82	12	3.7
12	2.3	1.5	2.4	1.5	1.2	1.9	1.5	0.9	0.9	1.4	0.2	0.1	1.37	12	2.4
13	0.6	0.6	0.4	0.8	1.2	2.4	2.1	1.7	0.2	1.4	1.3	1.4	1.21	12	2.4
14	0.3	0.8	0.7	1.3	0.8	0.2	0.8	0.6	0.7	1.6	1.0	1.1	0.86	12	1.6
15	0.7	0.9	1.8	1.8	2.4	1.4	0.4	0.6	0.3		0.1		1.09	10	2.4
16	0.9	1.1	1.5	1.4		0.9	0.5	0.9	0.7	1.0	1.4	1.2	1.08	11	1.5
17	1.5	0.7	0.6	2.6	2.4	0.3	1.3	1.0	1.3	0.7	0.8	0.8	1.20	12	2.6
18	0.2	0.2	0.5	0.3	1.2	0.6	0.6	0.9	0.8	0.6	0.5	0.6	0.62	12	1.2
19	0.3	0.6	0.5	0.1	0.3	0.2	0.2	0.3	0.2			0.3	0.35	10	0.6
20	0.3	0.3	0.4	0.7	0.2		0.5	0.4	0.4	1.0	0.8	1.0	0.57	11	1.0
21	0.6	0.9	0.8	1.2		1.1	0.6	0.7	0.6	1.7	1.5	0.6	0.97	11	1.7
22	1.2	0.5	0.8	1.3	1.1	0.5	1.6	0.4	1.0	1.3	2.5	1.2	1.16	12	2.5
23	0.8	1.2	1.8	1.5		0.8	1.0	0.6	1.3	0.9	0.9	0.6	1.08	11	1.8
24	0.3	0.8	0.7	0.9	1.7	1.6	0.6	0.1	0.8	1.2	0.6	0.4	0.85	12	1.7
25	0.2	0.5	1.2	0.7	0.9	0.9	0.8	0.9	1.0	0.5	1.1	0.9	0.84	12	1.2
26	0.9	1.6	1.7	2.3	1.0	0.9	0.4	1.0	0.8	1.0	1.4	0.7	1.18	12	2.3
27	0.5	0.6	0.3	0.2	0.8	0.5	0.7	0.4	0.8	0.6	0.6	1.1	0.65	12	1.1
28	0.3	0.5	1.3	1.7	1.0	0.4	0.7	1.0	0.8	0.9	0.7	1.1	0.91	12	1.7
29	1.0	0.5	1.5	2.3	1.2	0.5	0.6	0.8	0.9	1.1	0.8	2.8	1.21	12	2.8
30	3.4	2.7	1.3	2.1		1.1	0.5	0.8	0.7	1.2	0.5	0.8	1.42	11	3.4
31	1.9	0.8	1.4	1.3	3.5	0.7	0.6	0.5	1.2	2.5	1.3	1.3	1.45	12	3.5
AVG	1.22	1.03	1.22	1.52	1.64	1.07	0.88	0.83	0.92	1.40	1.28	1.22	1.17		
N(3)	31	31	31	31	29	30	31	31	31	28	30	30		360	
MAX*	6.8	3.8	2.7	3.5	4.1	3.1	2.3	1.9	1.9	4.7	7.3	6.1	2.76		7.3

(1) N=NUMBER OF VALID 2-HR SPOTS
(2) MAX=MAXIMUM 2-HR COH (DY)
(3) N=DAYS WITH VALID VALUES
* MAX=MAXIMUM 2-HR COH (MO)
VALUES GREATER THAN 6.0 UNDERESTIMATE ACTUAL VALUE

TABULATED 03/21/67

CONTINUOUS AIR MONITORING PROGRAM
AISI SPOT (COH/1000 LIN.FT.)

DAY OF MONTH — TIME (STARTING HOUR) — WASHINGTON D.C. — APRIL/66

DAY OF MONTH	0000	0200	0400	0600	0800	1000	1200	1400	1600	1800	2000	2200	AVG	N (1)	MAX (2)
01	1.1	0.8	0.6	1.1	1.0	0.8	1.5	2.2	1.9	1.1	0.7	0.4	1.12	12	2.2
02	0.2	0.5	1.4	0.3	0.6	1.3	0.5	0.8	0.5	0.5	1.0	0.9	0.74	12	1.4
03	0.6	1.2	1.7	2.1	0.9	1.3	0.1	0.8	1.0	0.7	0.5	1.8	1.12	12	2.1
04	1.4	1.4	1.2	1.9	1.3	1.5	1.2	1.2	0.8	1.1	0.9	1.1	1.29	12	1.9
05	0.6	0.5	1.0	1.1	0.7	0.4	0.7	0.8	0.8	1.1	1.7	0.9	0.90	12	1.7
06	0.6	0.8	0.4	1.5		0.8	0.5	0.7	1.2	1.7	1.2	0.8	0.96	11	1.7
07	0.8	1.9	1.6	2.1	2.1	0.8	0.8	0.9	1.6	0.8	0.8	0.3	1.24	12	2.1
08	0.7	0.1	0.9	1.2	0.5	0.4	0.7	0.7	0.7	0.7	0.7	0.4	0.68	12	1.2
09	0.4	1.0	0.1	1.5	0.8	0.1	0.8	0.7	1.0	0.8	0.9	0.6	0.76	12	1.5
10	0.5	1.0	0.9	0.7	0.5	0.4	0.1	0.2	0.8	0.3	1.5	1.2	0.71	12	1.5
11	0.5	1.3	0.9	1.4	0.8	0.3	0.6	0.6	0.6	2.4	1.3	0.9	1.02	12	2.4
12	0.3	0.8	1.0	2.1	1.7	1.5	1.1	1.9	1.2	1.1	0.6	0.6	1.21	12	2.1
13	0.1	0.7	0.7	0.9		0.7	0.2	1.2	0.9	1.0	1.1	0.9	0.80	11	1.2
14	1.0	1.3	0.6	1.3	1.2	0.8	0.4	0.4	0.4	1.1	2.7	3.3	1.26	12	3.3
15	2.4	1.9	7.3	5.0	0.6	0.0	0.4	0.2	0.6	1.4	1.2	1.4	1.89	12	7.3
16	1.0	1.3	1.0	1.8	1.1	0.7	0.3	0.4	0.3	1.0	1.8	1.4	1.03	12	1.8
17	1.6	1.6	0.7	0.8	0.4	0.2	0.1	0.3	0.5	0.6	1.0	0.2	0.71	12	1.6
18	0.8	0.5	0.4	1.2	0.9	1.2	0.7	1.3	1.3	1.4	0.9	1.2	1.03	12	1.4
19	0.8	1.5	1.5	1.7	0.8	0.6	0.7	0.9	0.8	0.8	0.4	0.2	0.93	12	1.7
20	0.3	0.4	0.2	0.7		1.3	0.7	0.9	1.0	1.2	0.8	0.6	0.77	11	1.3
21	0.5	1.3	0.4	0.7	1.1	0.6	0.5	0.5	1.0	0.3	0.6	0.4	0.70	12	1.3
22	0.5	0.3	0.7	1.4	0.8	0.9	1.0	1.0	1.6	1.3	1.1	1.1	0.99	12	1.6
23	1.1	0.5	1.3	1.1	1.3	0.8	0.9	0.1	0.6	0.5	0.7	0.2	0.79	12	1.3
24		0.5	0.3	0.8	0.6	0.5	0.4	0.4	0.2	0.6	0.8	0.8	0.59	11	0.8
25	0.2	0.1	0.4	0.8	0.9	0.8	0.5	0.3	0.2	0.4	0.4	0.0	0.45	12	0.9
26	0.5	0.2	1.4	2.7	1.2	0.5	0.1	0.5	0.2	0.6	0.3	0.3	0.74	12	2.7
27	0.4	0.1	0.4	1.0		0.6	0.7	0.8	0.9	0.4	0.6	0.7	0.63	11	1.0
28	0.6	0.6		0.9	0.4	0.7	0.4	0.5	0.9	0.2	0.3	0.4	0.58	11	0.9
29	0.1	0.2	0.4	1.2	1.3	1.1	1.4	1.0	0.9	1.3	0.8	0.8	0.91	12	1.4
30	0.7	0.8	1.0	1.2	1.0	1.1	0.7	0.5	0.8	1.2	0.9	0.8	0.93	12	1.2
AVG	0.70	0.83	1.04	1.40	0.94	0.75	0.62	0.75	0.84	0.92	0.84	0.82	0.87		
N(3)	29	30	29	30	26	30	30	30	30	30	30	30		354	
MAX*	2.4	1.9	7.3	5.0	2.1	1.5	1.5	2.2	1.9	2.4	2.7	3.3	1.89		7.3

(1) N=NUMBER OF VALID 2-HR SPOTS
(2) MAX=MAXIMUM 2-HR COH (DY)
(3) N=DAYS WITH VALID VALUES
* MAX=MAXIMUM 2-HR COH (MO)
VALUES GREATER THAN 6.0 UNDERESTIMATE ACTUAL VALUE

TABULATED 03/21/67

CONTINUOUS AIR MONITORING PROGRAM
AISI SPOT (COH/1000 LIN.FT.)

DAY OF MONTH — TIME (STARTING HOUR) — WASHINGTON D.C. — MAY/66

DAY OF MONTH	0000	0200	0400	0600	0800	1000	1200	1400	1600	1800	2000	2200	AVG	N (1)	MAX (2)
01	0.9	0.6	1.7	1.1	1.1	0.2	0.5	0.4	0.1	0.3	0.7	0.7	0.73	12	1.7
02	0.4	0.6	0.6	0.8	0.5	0.7	0.6	0.5	0.4	0.9	0.9	0.5	0.66	12	0.9
03	0.8	0.7	1.3	2.2	1.4	0.7	0.6	1.0	0.7	0.6	1.0	0.8	1.02	12	2.2
04		0.5	0.8	0.8		0.6	0.8	0.6	0.5	0.6	1.8	2.3	0.97	10	2.3
05	2.1	2.1	2.4	2.5	1.0	0.6	0.7	0.8	0.4	0.7	0.7	0.6	1.27	12	2.5
06	0.4	0.4	0.5	1.0	0.9	0.9	0.6	1.0	0.3	0.5	0.8		0.71	11	1.0
07	0.7	0.0	0.4	0.7		0.4	0.5		0.4	0.3	0.1	0.3	0.42	10	0.7
08	0.0	0.2	0.2	0.5	0.5	0.4	0.5	0.6	0.5	0.3	0.5	0.8	0.47	12	0.8
09	0.5	0.7	0.1	0.5	0.2	0.1	0.8	0.9	1.3	0.6	0.4	0.9	0.63	12	1.3
10	0.8	0.6	1.7	1.0	0.6	0.7	0.1	0.4	0.4	0.9	1.4	1.5	0.90	12	1.7
11	1.3	1.3	2.0	2.6		0.6	0.8	0.9	0.9	0.9	0.5	0.6	1.18	11	2.6
12	0.1	0.2	0.7	0.8	0.8	0.2	0.2	0.6	0.1	0.5	0.4	0.6	0.47	12	0.8
13	0.9	0.6	0.6	1.2	0.5	0.5	1.0	0.2	0.7	0.5	0.6	0.4	0.69	12	1.2
14	0.3	0.5	0.1	0.9	1.2	1.2	0.6	0.9	0.6	1.2	1.3	0.9	0.86	12	1.3
15	1.4	2.0	1.3	1.1	0.3	0.3	0.1	0.7	0.1	0.6	0.6	0.6	0.79	12	2.0
16	0.9	0.6	1.4	1.4	0.1	0.1	0.3	0.8	0.5			0.3	0.69	10	1.4
17	0.4		1.2	1.2	0.8	1.2	1.4	0.7	0.6	0.7	0.3	0.6	0.86	11	1.4
18	0.5	0.6	0.4	0.4		0.4	0.6	0.7	0.1	0.5	0.5	0.4	0.50	11	0.7
19	0.4	0.3	0.2	0.9	0.3	0.3	0.4	0.5	0.6	0.7	1.0	0.6	0.56	12	1.0
20	1.1	0.8	1.2	1.5	1.1	0.5	0.5	0.3	0.3	0.9	0.6	0.9	0.84	12	1.5
21	0.8	0.8	1.1	2.1	1.0	0.9	0.4	0.4	0.6	0.6	0.4	0.3	0.82	12	2.1
22	0.3	0.2	0.3	0.0	0.0	0.1	0.5	0.6		0.3	1.9	1.3	0.55	11	1.9
23	2.1	1.7	2.1	2.4	1.7	0.4	0.3	0.6	0.5		0.6	0.1	1.17	11	2.4
24	0.1	0.5	0.6	1.3	0.5	0.4	0.2	0.6		0.6	0.1	0.4	0.51	11	1.3
25	0.7	0.3	0.8	0.6		0.5	0.5	0.3	0.1	1.0	0.5	0.5	0.57	11	1.0
26	0.4	0.4	0.5	0.6	0.3	0.5	0.1	0.3	0.4	0.2	0.1	0.1	0.37	12	0.6
27	0.2	0.2	0.5	0.5	0.4	0.3	0.1	0.2	0.3	0.0		0.3	0.32	11	0.5
28	0.2	0.7	0.4	0.4	0.2		0.2	0.2	0.2	0.3	0.1	0.0	0.31	11	0.7
29	0.0	0.2	0.3	0.2	0.2	0.2	0.4	0.1	0.2	0.2	0.3		0.26	11	0.4
30	0.2	0.1	0.4	0.3	0.3	0.1	0.2		0.5	0.1	0.6	0.0	0.29	11	0.6
31	0.0	0.3	0.8	0.7	0.5	0.2	0.2	0.2	0.0	0.4	0.3	0.2	0.35	12	0.8
AVG	0.63	0.62	0.85	1.03	0.63	0.47	0.47	0.55	0.42	0.54	0.65	0.60	0.61		
N(3)	30	30	31	31	26	30	31	29	29	29	29	29		354	
MAX*	2.1	2.1	2.4	2.6	1.7	1.2	1.4	1.0	1.3	1.2	1.9	2.3	1.27		2.6

(1) N=NUMBER OF VALID 2-HR SPOTS
(2) MAX=MAXIMUM 2-HR COH (DY)
(3) N=DAYS WITH VALID VALUES
* MAX=MAXIMUM 2-HR COH (MO)
VALUES GREATER THAN 6.0 UNDERESTIMATE ACTUAL VALUE

TABULATED 03/21/67

CONTINUOUS AIR MONITORING PROGRAM
AISI SPOT (COH/1000 LIN.FT.)

DAY OF MONTH	TIME (STARTING HOUR) 0000	0200	0400	0600	0800	1000	1200	1400	1600	1800	2000	2200	WASHINGTON D.C. AVG	JUNE/66 N (1)	MAX (2)
01	0.2	0.4	0.4	0.4		0.5	0.2		0.5	0.2	0.2	0.3	0.36	10	0.5
02	0.6	0.3	0.3	0.6	0.1	0.0		0.3	0.4	0.4	0.3	0.7	0.40	11	0.7
03	0.5	0.2	0.5	0.3	0.4	0.4		0.2	0.5	0.5	0.3	0.4	0.43	11	0.5
04	0.1	0.5	0.3	1.0	0.7	0.3		0.1	0.5	0.3	0.3	0.4	0.45	11	1.0
05	0.1	0.5	0.2	0.4	0.4	0.5	0.3		0.1	0.5	0.4	0.5	0.38	11	0.5
06	0.3	0.4	0.3	0.6	0.6	0.1	0.5	0.3	0.1	0.3	0.0	0.3	0.35	12	0.6
07	0.5	0.1	0.3	0.7	0.4	0.6	0.3	0.8	0.1	0.8	0.8	0.6	0.55	12	0.8
08	0.6	0.8	1.0	0.8	0.6	0.2	0.4	0.5	0.3	0.6	0.3		0.59	11	1.0
09	0.4	0.0	0.6	1.0	0.7	0.4	0.3	0.3	0.2	0.7	0.3		0.48	11	1.0
10		0.3		0.5	0.3	0.4		0.4	0.4	0.6	0.1	0.3	0.41	09	0.6
11	0.1	0.3	0.3	0.3	0.4	0.0	0.1	0.0	0.0	0.2	0.3	0.4	0.25	12	0.4
12	0.4	0.3	0.2	1.2	0.4	0.6	0.2	0.2	0.1	0.3	0.4	0.1	0.40	12	1.2
13	0.0	0.1	0.3	0.3	0.4	0.3	0.4	0.1	0.3	0.6	0.4	0.3	0.34	12	0.6
14	0.9	0.4	0.2	1.0	0.7	0.3	0.5	0.7	1.1	0.3	0.2	0.3	0.59	12	1.1
15	0.4	0.2	0.5	0.5	0.3	0.3	0.3	0.4	0.4	0.5	0.8	1.1	0.52	12	1.1
16	1.2	0.8	0.8	0.6	0.6	0.6	0.3	0.3	0.6		0.4		0.67	10	1.2
17	0.4	0.3	0.6	0.7	0.6	0.6	0.4	0.5	0.5	0.7	0.8	0.4	0.57	12	0.8
18	0.5	0.4	0.5	0.5	0.2	0.1	0.3	0.6	0.1	0.6	0.3	0.6	0.42	12	0.6
19			0.2	0.9	0.4	0.4	0.2	0.5	0.1	0.5	0.6	0.6	0.49	10	0.9
20	0.2	0.1	0.1	0.8	0.8	0.1	0.3	0.1	0.4	0.5	0.3	0.3	0.37	12	0.8
21	0.0		0.6	0.9	0.3	0.1		0.3	0.0	0.6	1.5	1.6	0.64	10	1.6
22	1.8	0.5	0.6	0.4	0.3	0.5	0.2	0.3	0.4	0.2	0.4	0.5	0.34	12	1.8
23	0.8	0.5	0.4	0.9	0.2	0.1		0.1	0.4	0.3	0.2	0.4	0.42	11	0.9
24	0.5	0.2	0.5	0.8	0.3	0.2	0.1		0.5	0.4	0.4	0.4	0.44	11	0.8
25		0.3	0.3	0.4	0.1	0.4		0.3	0.1	0.3	0.5	0.6	0.37	10	0.6
26	0.2	0.8	0.4	0.5	0.2	0.4	0.4	0.4	0.6	0.1	0.2	0.2	0.40	12	0.8
27	0.2	0.3	0.4	0.4	0.6	0.5	0.1	0.6	0.5	0.1	1.0	0.2	0.44	12	1.0
28	0.2	0.4	0.6	0.5	0.9	0.8	0.8	0.7	1.0	0.7	0.2	0.1	0.62	12	1.0
29	0.1	0.0	0.3	0.8	0.5	0.6	0.3	0.3	0.4	0.5	0.8	0.7	0.48	12	0.8
30	0.4	0.3	0.7	0.6	0.9	0.1	0.5	0.3	0.4	0.9	0.9	0.7	0.60	12	0.9
AVG	0.42	0.34	0.42	0.64	0.45	0.34	0.32	0.35	0.36	0.45	0.45	0.48	0.42		
N(3)	27	28	29	30	29	30	23	27	30	29	30	27		339	
MAX*	1.8	0.8	0.7	1.2	0.9	0.8	0.8	0.8	1.1	0.9	1.5	1.6	0.67		1.8

(1) N=NUMBER OF VALID 2-HR SPOTS
(2) MAX=MAXIMUM 2-HR COH (DY)
(3) N=DAYS WITH VALID VALUES
* MAX=MAXIMUM 2-HR COH (MO)
VALUES GREATER THAN 6.0 UNDERESTIMATE ACTUAL VALUE

TABULATED 03/21/67

CONTINUOUS AIR MONITORING PROGRAM
AISI SPOT (COH/1000 LIN.FT.)

WASHINGTON D.C. JULY/66

DAY OF MONTH	TIME (STARTING HOUR) 0000	0200	0400	0600	0800	1000	1200	1400	1600	1800	2000	2200	AVG	N (1)	MAX (2)
01	0.4	0.4	1.3	1.2	0.8	0.7	0.7	1.0	0.5	1.0	0.4	0.4	0.76	12	1.3
02	0.9	0.8	0.9	1.0	0.0	0.2	0.2	0.1	0.6	0.3	0.4	0.5	0.52	12	1.0
03	0.2	0.7	0.8	0.1	0.5	0.8	0.2	0.5		0.5	0.6	0.2	0.49	11	0.8
04		0.3	0.3	0.4	0.3	0.7	0.2	0.9	0.7	1.1	0.8	1.0	0.64	11	1.1
05	0.2	0.5	0.6	0.3	0.4	0.4	1.0	0.4	1.0	0.5	0.5	0.4	0.56	12	1.0
06	1.3	0.9	1.3	1.5	0.7	0.4	0.5	0.8	0.5	0.4	0.9	0.7	0.85	12	1.5
07	0.2	0.3	0.4	0.4	0.5	0.1	0.1	0.2	0.2		0.3	0.6	0.34	11	0.6
08	0.4	0.4	0.2	1.1	0.7	0.2	0.3	0.6	0.5		0.8	0.4	0.54	11	1.1
09	0.5	0.2	1.0	0.2	0.1	0.3	0.1	0.6	0.3		0.3	0.5	0.43	11	1.0
10	0.3	0.1	0.5	0.4	0.4	0.1	0.4	0.1	0.0		0.3	0.3	0.30	11	0.5
11	0.3	0.4	0.4	0.4	0.4	0.1	0.5	0.4	0.2	0.3	0.3	0.2	0.37	12	0.5
12	0.5	0.2	0.1	0.5	0.2	0.6		0.1	0.8	0.1	0.5	0.3	0.40	11	0.8
13	0.3	0.3	0.7	0.2	0.0	0.1			0.0				0.29	07	0.7
14								0.1							
15		0.2							0.0						
16			0.1												
17								0.3		0.1					
18			0.1												
19											0.0				
20						0.1	0.3	0.3	0.6	0.0	0.6	0.3	0.37	07	0.6
21	0.3		0.4	0.3	0.3	0.2		0.0	0.2	0.3	0.5	0.2	0.32	10	0.5
22	0.6		0.3	0.3	0.8	0.1	0.2	0.4	0.3	0.0		0.2	0.36	10	0.8
23	0.3	0.2	0.6	0.4	0.7	0.3	0.1	0.3	0.5	0.2	0.1	0.2	0.34	12	0.7
24		0.4		0.2	0.1			0.3	0.2	0.2	0.4	0.1	0.27	08	0.4
25	0.4	0.2	0.1	0.6	0.5	0.1	0.0		0.2	0.4	0.3		0.31	10	0.6
26	0.1	0.1		0.4	0.6	0.5	0.3	0.4	0.5	0.3	0.6	0.5	0.43	11	0.6
27	0.5	0.3	0.9	0.7	0.8	1.1	0.6	0.7	0.6	0.6		0.6	0.72	11	1.1
28	0.2	0.5	0.2	0.6	0.5	0.5	0.4	0.3	0.7	0.5	0.2	0.4	0.46	12	0.7
29	0.3	0.4	0.3	1.1	0.3		0.3	0.6	0.3	0.4	0.3	0.5	0.49	11	1.1
30	0.4	0.1	0.8	0.3	0.6	0.4	0.7	0.4	0.1	0.4	0.1	0.8	0.47	12	0.8
31	0.2	0.3	0.3	0.1	0.1	0.2	0.1	0.4	0.5	0.2	0.3	0.7	0.32	12	0.7
AVG	0.40	0.35	0.54	0.52	0.42	0.35	0.34	0.42	0.40	0.38	0.43	0.43	0.40		
N(3)	22	23	23	24	24	23	21	23	24	20	22	23		270	
MAX*	1.3	0.9	1.3	1.5	0.8	1.1	1.0	1.0	1.0	1.1	0.9	1.0	0.85		1.5

(1) N=NUMBER OF VALID 2-HR SPOTS
(2) MAX=MAXIMUM 2-HR COH (DY)
(3) N=DAYS WITH VALID VALUES
* MAX=MAXIMUM 2-HR COH (MO)
VALUES GREATER THAN 6.0 UNDERESTIMATE ACTUAL VALUE

TABULATED 03/21/67

CONTINUOUS AIR MONITORING PROGRAM
AISI SPOT (COH/1000 LIN.FT.)

DAY OF MONTH	TIME (STARTING HOUR) 0000	0200	0400	0600	0800	1000	1200	1400	1600	1800	2000	2200	AVG	N (1)	MAX (2)
WASHINGTON D.C. AUG/66															
01	0.1		0.6	0.7	0.7	0.3	0.4		0.2	0.1	0.4	0.1	0.40	10	0.7
02	0.3	0.1	0.3	0.4	0.4	0.5	0.4	0.4	0.7	0.3	0.3	0.5	0.43	12	0.7
03		0.2			0.5	0.5	0.0		0.2	0.4	0.4	0.2	0.34	08	0.5
04	0.6	1.3	1.2	1.5	0.7	0.2	0.1	0.7	0.4	0.4	0.3	0.4	0.68	12	1.5
05				0.6	0.6	0.4	0.4	0.3	0.5	0.3	0.8	0.3	0.51	09	0.8
06	0.5	0.9	0.9	1.0	1.0	0.4		0.1	0.5	0.3	0.6	0.6	0.65	11	1.0
07	0.2	0.5	1.0	0.5	0.5	0.3	0.5	0.1	0.1	0.0		0.2	0.40	11	1.0
08	0.3	0.4	0.5	0.7	1.0	0.7	0.3	0.3	0.3	0.2	0.1	0.5	0.47	12	1.0
09	0.1	0.2	0.5	0.4	0.8	0.6	0.5	0.1	0.3	0.4	0.4	0.4	0.44	12	0.8
10	0.5	0.4	0.2	0.4	0.9	1.1	0.4	0.5	0.1	0.3	0.4	0.2	0.50	12	1.1
11	0.3	0.1	0.2	0.7	0.2	0.2	0.4	0.2	0.3	0.4	0.3	0.1	0.32	12	0.7
12	0.0	0.1	0.0	0.4	0.7	0.1	0.2	0.4	0.6	0.3	0.2	0.4	0.32	12	0.7
13	0.5	0.7	0.1	0.1	0.2	0.2	0.3	0.4	0.2		0.4	0.7	0.38	11	0.7
14	0.6	0.2	0.6	0.4	0.1	0.5	0.2	0.2		0.3	0.2	0.4	0.37	11	0.6
15	0.1	0.5	0.6	1.0	0.7	0.8	0.6	0.5	0.3	0.3	0.5	0.5	0.56	12	1.0
16	0.6	0.6	1.1	0.6	0.7	0.5	0.0	0.3	0.1	0.3	0.0	0.3	0.48	12	1.1
17	0.1	0.0	0.3	0.3	0.3	0.4	0.1	0.2	0.4	0.2	0.4	0.4	0.29	12	0.4
18	0.5	0.3	0.4	0.8	1.0	0.6	0.6	0.3	0.3	0.5	0.3	0.4	0.54	12	1.0
19	0.5	0.5	0.6	0.8	0.8	0.2	0.3	0.3	0.7	0.3	0.2	0.9	0.55	12	0.9
20	0.3	0.4	0.6	0.7	0.7	0.2	0.9	0.3	0.4	0.5	0.3	0.5	0.53	12	0.9
21	0.3	0.2	0.4	0.0	0.4	0.3	0.2	0.4	0.2	0.1	0.3	0.1	0.27	12	0.4
22	0.4	0.3	0.6	0.7	0.4	0.5	0.6	0.5	0.4	0.4	0.1	0.4	0.48	12	0.7
23	0.3	0.1	0.4	1.0	0.9	0.1	0.6	0.3	0.3	0.4	0.2	0.3	0.42	12	1.0
24	0.5	0.2	0.5	0.8	0.3	0.4			0.5	0.2	0.7	0.3	0.47	10	0.8
25	0.6	0.4	0.6	1.3	0.6	0.3	0.5	0.5	0.3	0.6	0.6	0.4	0.61	12	1.3
26		0.7	0.1	1.1	0.5	0.3		0.6	0.6	0.4	0.3	0.3	0.31	10	1.1
27	0.4	0.7	0.4	0.7	0.2	0.3	0.5	0.4	0.2	0.8	0.8	0.3	0.53	12	0.8
28	0.2	0.2	0.3	0.4	0.3	0.2	0.7		0.3	0.3	0.5	0.6	0.40	11	0.7
29	0.7	1.0	1.0	1.8	1.3	1.0	0.5	0.4	0.7	0.8	0.6	0.3	0.87	12	1.8
30	0.3	0.6	0.5	1.0	0.7	0.3	0.6	0.3	0.6	0.4	0.6	0.3	0.56	12	1.0
31	0.3	0.2	0.7	1.1	0.8	0.4	0.5	0.8	0.7	0.8	1.0	0.7	0.71	12	1.1
AVG	0.36	0.41	0.52	0.73	0.59	0.41	0.40	0.36	0.38	0.36	0.40	0.38	0.44		
N(3)	28	29	29	30	31	31	28	27	30	30	30	31		354	
MAX*	0.7	1.3	1.2	1.8	1.3	1.1	0.9	0.8	0.7	0.8	1.0	0.9	0.87		1.8

(1) N=NUMBER OF VALID 2-HR SPOTS
(2) MAX=MAXIMUM 2-HR COH (DY)
(3) N=DAYS WITH VALID VALUES
* MAX=MAXIMUM 2-HR COH (MO)
VALUES GREATER THAN 6.0 UNDERESTIMATE ACTUAL VALUE

TABULATED 03/21/67

CONTINUOUS AIR MONITORING PROGRAM
AISI SPOT (COH/1000 LIN.FT.)

DAY OF MONTH — TIME (STARTING HOUR) — WASHINGTON D.C. — SEPT/66

DAY OF MONTH	0000	0200	0400	0600	0800	1000	1200	1400	1600	1800	2000	2200	AVG	N (1)	MAX (2)
01	0.8	1.0	0.6	1.1	0.5	1.1	1.0	0.7	0.3	0.7	0.7	1.0	0.83	12	1.1
02	0.7	0.4	0.3	1.1	0.8	0.4	0.3	0.5	0.2	1.2	0.7	0.6	0.64	12	1.2
03	0.2	0.5	0.5	0.5	0.7	0.4	0.3	0.4	0.4	0.6	0.6	0.5	0.50	12	0.7
04	0.3	0.4	0.6	0.4	0.4	0.2	0.4	0.2	0.5	0.9	0.8	0.5	0.49	12	0.9
05	0.1		0.3	0.2	0.4	0.1	0.1		0.1	0.2		0.2	0.22	09	0.4
06	0.4	0.0	0.8	0.7	0.5	0.2	0.2	0.4	0.3	0.2		0.5	0.42	11	0.8
07	0.2	0.4	0.3	0.4	0.7	0.1	0.3	0.3	0.2	0.3	0.2	0.2	0.34	12	0.7
08	0.2	0.2	0.6	1.1	0.4		0.8	0.5	0.8	0.3	0.1	0.5	0.54	11	1.1
09	0.2	0.5	0.5	1.2	0.4	0.8	0.3	0.2	0.6	0.8	1.4	0.9	0.69	12	1.4
10	0.7	0.5	0.8	0.7	0.4	0.1	0.2	0.1	0.1	0.5	0.8	0.6	0.48	12	0.8
11	0.0	0.4	0.1	0.3	0.2	0.2		0.7		0.3	0.5	0.5	0.38	10	0.7
12	0.2	0.1	0.5	0.6	0.5	0.5	0.4			0.2		0.2	0.40	09	0.6
13			0.0	0.0	0.2	0.2		0.1		0.2		0.2	0.16	07	0.2
14				0.5	0.4	0.3	0.6	0.5	0.2	0.5	0.3	0.1	0.41	09	0.6
15	0.1	0.3	1.0	0.4	0.4	0.4	0.4	0.3	0.4	0.5	0.1	0.3	0.42	12	1.0
16	0.2	0.3	0.9	0.0	0.3	0.2	0.2	0.4	0.9	1.5	2.7	3.3	0.94	12	3.3
17	1.7	0.8	1.8	1.1	0.3	0.8	0.7	0.5	0.5	0.5	1.4	1.9	1.04	12	1.9
18	2.1	1.5	2.1	1.0	0.6	0.6	0.0	0.4	0.4	0.5	0.3	0.2	0.84	12	2.1
19	0.3	0.3	0.9	0.7	0.5	0.2	0.6	0.9	0.5	1.4	0.1	0.5	0.61	12	1.4
20	0.4	0.1	0.3	0.2	0.4	0.2	0.4	0.1	0.0	0.2		0.1	0.25	11	0.4
21	0.2	0.2	0.4	0.6	0.2	0.4	0.9	0.6	0.8	0.4	0.7	0.5	0.54	12	0.9
22	0.9	0.8	0.6	1.5	1.1	0.6	0.5	0.7	0.6	0.5	0.5	0.5	0.78	12	1.5
23	0.4	0.3	0.2	0.6	0.2	0.7	0.5	0.8	0.3	0.7	0.1	0.3	0.47	12	0.8
24	0.6	0.2	0.5	0.6	0.6	0.6	0.4	0.1	0.2	0.8	1.5	1.4	0.65	12	1.5
25	1.0	0.6	0.7	1.0	0.7	0.3	0.6	0.7	0.6	0.5	0.6	0.4	0.69	12	1.0
26	0.2	0.2	0.5	0.9	0.7	0.6	1.1	0.3	0.6	0.9	0.8	0.4	0.65	12	1.1
27	0.5	0.5	1.1	1.5	0.8	0.7	0.7	0.5	0.6	0.9	1.1	1.0	0.87	12	1.5
28	0.9	1.3	1.2	1.3	1.3	1.3	0.5	0.7	1.0	1.4	1.3	0.7	1.11	12	1.4
29	0.5	0.5	1.2	1.0	1.5	1.2	1.1	0.9	0.7	0.8	0.9	0.6	0.95	12	1.5
30	0.2	0.7	0.6	1.6	0.9	0.6		0.7	0.5	0.3	0.8	0.9	0.74	11	1.6
AVG	0.50	0.48	0.68	0.76	0.56	0.48	0.50	0.47	0.45	0.62	0.76	0.65	0.55		
N(3)	28	27	29	30	30	29	27	28	27	30	25	30		340	
MAX*	2.1	1.5	2.1	1.6	1.5	1.3	1.1	0.9	1.0	1.5	2.7	3.3	1.11		3.3

(1) N=NUMBER OF VALID 2-HR SPOTS
(2) MAX=MAXIMUM 2-HR COH (DY)
(3) N=DAYS WITH VALID VALUES
* MAX=MAXIMUM 2-HR COH (MO)
VALUES GREATER THAN 6.0 UNDERESTIMATE ACTUAL VALUE

TABULATED 03/21/67

CONTINUOUS AIR MONITORING PROGRAM
AISI SPOT (COH/1000 LIN.FT.)

DAY OF MONTH — TIME (STARTING HOUR) — WASHINGTON D.C. — OCT/66

DAY OF MONTH	0000	0200	0400	0600	0800	1000	1200	1400	1600	1800	2000	2200	AVG	N (1)	MAX (2)
01	0.3	0.5	0.2	0.6	1.1	0.8	0.7	0.3	0.5	0.4	0.7	0.8	0.61	12	1.1
02	0.5	0.7	0.7	1.2	0.4	0.4	0.4	0.4	0.3	0.8	0.9	0.7	0.66	12	1.2
03	1.6	2.6	3.4	3.3	1.5	0.8	0.1	0.3	0.4	0.6	0.5	0.5	1.34	12	3.4
04	0.4	0.5	0.4	1.5	1.0	0.2	0.5	0.5	0.6	0.7	0.7	0.5	0.67	12	1.5
05	0.9	0.8	0.9	0.7	0.5	0.7	0.1	0.4	0.2	0.6	0.4	0.5	0.61	12	0.9
06	0.2	0.5	0.7	1.0	0.5	0.4	0.1	0.7	0.6	0.8	1.1	0.7	0.65	12	1.1
07	0.6	0.9	1.3	2.6	1.4	0.5	0.1	0.6	1.3	1.2	1.3	0.9	1.09	12	2.6
08	0.7	0.8	0.8	0.8	1.0	1.6	0.7	0.6	0.3	0.8	0.9	0.8	0.86	12	1.6
09	0.5	0.4	0.7	1.1	1.2	1.0	0.6	0.6	0.6	0.7	0.7	0.5	0.77	12	1.2
10	0.7	0.3	0.4	0.5	0.4	0.4	0.6	0.1	0.7	1.1	0.7	0.4	0.56	12	1.1
11	0.3	0.6	0.8	1.3	0.6	0.7		0.3	0.4	0.6	0.6	0.5	0.64	11	1.3
12	0.5	0.3	0.4	1.0	0.7										
13															
14															
15															
16															
17															
18															
19						1.4	0.9	1.3	1.3	0.7	1.3	0.8	1.15	07	1.4
20	0.1	0.8	0.6	1.1	0.3	0.8	0.6	0.6	1.0	1.8	1.6	2.0	0.97	12	2.0
21	1.1	1.5	2.3	3.0	2.7	1.8	0.8	0.3	1.0	0.8	0.7	0.1	1.40	12	3.0
22	1.0	0.5	0.8	0.5	1.3	0.9	0.4	0.7	0.6	0.9	0.5	0.6	0.77	12	1.3
23	0.9	0.4	0.3	0.7	0.6	0.9	0.4	1.3	0.9	1.6	1.2	1.7	0.95	12	1.7
24	1.4	0.6	1.1	1.2	0.8	1.6	0.8	1.0	0.8	0.9	0.7	0.5	1.00	12	1.6
25	0.6	0.9	0.8	1.4	1.3	1.6	1.4	1.3	1.2	0.8	0.9	0.7	1.12	12	1.6
26	0.7	0.9	1.5	1.8	1.6	1.0	0.7	0.5	1.7	2.5	2.8	4.0	1.69	12	4.0
27	2.5	2.2	2.5	2.2	2.1	2.2	1.4	1.1	1.1	1.3	3.3	3.0	2.12	12	3.3
28	2.9	4.2	3.8	3.4	2.1	1.7	1.0	0.7	1.3	3.2	3.4	1.6	2.48	12	4.2
29	2.2	1.6	1.7	2.1	2.0	1.2	0.7	1.0	0.5	0.6	0.2	0.4	1.22	12	2.2
30	0.1	0.3	0.5	0.7			0.3	0.2	0.2	0.8	1.3	1.1	0.60	10	1.3
31	0.9	0.7	1.0	1.7	0.8	0.4	0.9	0.7	0.8	1.0	0.9	0.4	0.88	12	1.7
AVG	0.90	0.97	1.15	1.47	1.12	1.00	0.61	0.64	0.76	1.05	1.13	0.98	0.98		
N(3)	24	24	24	24	23	23	23	24	24	24	24	24		280	
MAX*	2.9	4.2	3.8	3.4	2.7	2.2	1.4	1.3	1.7	3.2	3.4	4.0	2.48		4.2

(1) N=NUMBER OF VALID 2-HR SPOTS
(2) MAX=MAXIMUM 2-HR COH (DY)
(3) N=DAYS WITH VALID VALUES
* MAX=MAXIMUM 2-HR COH (MO)
VALUES GREATER THAN 6.0 UNDERESTIMATE ACTUAL VALUE

TABULATED 03/21/67

CONTINUOUS AIR MONITORING PROGRAM
AISI SPOT (COH/1000 LIN.FT.)

DAY OF MONTH — TIME (STARTING HOUR) — WASHINGTON D.C. — NOV/66

DAY OF MONTH	0000	0200	0400	0600	0800	1000	1200	1400	1600	1800	2000	2200	AVG	N (1)	MAX (2)
01	0.5	0.5	0.4	0.5	1.6	0.9	1.0	0.5	0.6	0.7	1.4	1.2	0.85	12	1.6
02	1.0	0.4	0.4	0.7	0.5	0.6	0.5	0.0	0.4	0.5	0.1	0.1	0.48	12	1.0
03	0.0	0.4		0.4	1.0	0.1	0.4	0.5	0.4	0.2	0.7	0.6	0.48	11	1.0
04	0.4	0.3	0.6	1.2	0.7	0.4	0.3	0.6	0.9	1.7	1.1	1.0	0.80	12	1.7
05	0.5	0.4	1.0	1.2	1.3	1.1	0.3	0.3	0.5	0.6	0.2	0.6	0.72	12	1.3
06	1.0	0.4	0.6	0.9	0.6	0.5	0.4	0.6	0.6	0.7	1.0	0.6	0.69	12	1.0
07	1.3	1.3	1.7	2.5	1.8	0.5	0.4	0.9	1.2	1.4	1.2	0.6	1.28	12	2.5
08	0.6	0.8	0.5	1.2	1.6	0.7	1.1	0.8	1.5	0.8	0.6	0.8	0.96	12	1.6
09	0.4	0.7	0.3	1.3	1.0	1.0	0.8	0.7	0.5	0.9		0.6	0.77	11	1.3
10		0.6	0.4	0.6	0.7	0.4	0.3	0.6	0.9	0.6	0.3	0.2	0.56	11	0.9
11	0.1	0.4	0.8	0.8	0.4	0.1	0.0		0.4	1.5	1.2	0.9	0.65	11	1.5
12	1.3	0.8	0.6	1.3	0.8	0.6	0.7	0.8	0.8	1.4	1.2	0.4	0.93	12	1.4
13	0.5	1.1	0.5	1.0	0.4			0.3	0.4	1.3	0.5	1.0	0.74	10	1.3
14									1.4	1.2	1.2	1.3			
15	0.9	0.9	0.3	1.6	1.1	0.3	0.1	0.8	0.9	1.0	0.7	1.4	0.88	12	1.6
16	1.5	1.4	3.0	3.1	2.1	0.9		0.9	0.7	1.2	1.2	1.1	1.59	11	3.1
17	0.6	0.5	0.4	0.9	1.7	1.4	1.5	0.8	1.5	1.4	1.7	0.8	1.14	12	1.7
18	0.5	0.6	0.8	1.0	1.4	1.7	1.9	2.0	1.6	1.0	1.7	0.7	1.29	12	2.0
19	0.4	0.5	0.6	0.2	0.7	0.5	0.2	0.2	0.6	0.5	0.4	0.5	0.49	12	0.7
20	0.2	0.3	0.7	1.1	0.5	0.8	1.4	1.2	0.3	1.2	1.5	1.1	0.90	12	1.5
21	1.2	1.2	2.0	2.1		1.5	0.8	1.0	1.5	1.4	1.7	1.9	1.52	11	2.1
22	2.5	1.4	2.8	2.7	2.6	1.7	0.6	0.8	1.3	1.4	2.2	3.7	2.01	12	3.7
23	3.0	3.6	3.6	4.2	6.3	1.6	2.0	1.8	1.7	3.1	3.2	3.5	3.17	12	6.3
24	2.6	2.5	1.7	2.5	2.6	1.3	0.7	0.5	1.6	2.9	3.2	3.3	2.14	12	3.3
25	2.4	2.5	2.6	2.3	3.1	1.5	1.1	0.8	1.6	1.6	0.6	0.2	1.72	12	3.1
26	0.9	0.7	0.9	2.1	1.1	0.3	0.2	0.0	1.0	1.7	1.5	1.9	1.06	12	2.1
27	1.7	2.4	3.1	3.9	3.4	0.9	0.8	0.2	1.1	0.8	0.9	0.8	1.71	12	3.9
28	0.5	0.7	0.8	0.7	1.3	0.6	0.1	0.9	0.6	0.4	0.5	0.5	0.68	12	1.3
29	0.1	0.4	0.4	0.8	1.3	0.9	0.7	0.6	1.3	0.9	0.4	0.5	0.74	12	1.3
30	0.5	0.5	0.9	1.2	1.2	0.5	0.4	0.7	1.3	0.4	0.4	0.3	0.75	12	1.3
AVG	0.96	0.97	1.15	1.51	1.52	0.83	0.69	0.70	0.95	1.14	1.11	1.06	1.04		
N(3)	28	29	28	29	28	28	27	28	29	29	28	29		340	
MAX*	3.0	3.6	3.6	4.2	6.3	1.7	2.0	2.0	1.7	3.1	3.2	3.7	3.17		6.3

(1) N=NUMBER OF VALID 2-HR SPOTS
(2) MAX=MAXIMUM 2-HR COH (DY)
(3) N=DAYS WITH VALID VALUES
* MAX=MAXIMUM 2-HR COH (MO)
VALUES GREATER THAN 6.0 UNDERESTIMATE ACTUAL VALUE

TABULATED 03/21/67

CONTINUOUS AIR MONITORING PROGRAM
AISI SPOT (COH/1000 LIN.FT.)

DAY OF MONTH — TIME (STARTING HOUR) — WASHINGTON D.C. — DEC/66

DAY OF MONTH	0000	0200	0400	0600	0800	1000	1200	1400	1600	1800	2000	2200	AVG	N (1)	MAX (2)
01	0.7	0.9	0.9	1.9	2.8	1.1	0.5	0.9	2.1	1.6	1.6	1.0	1.38	12	2.8
02	1.4	1.6	1.2	1.2	1.2	0.5	1.1	1.0	1.3	0.9	0.9	0.8	1.12	12	1.6
03	0.2	0.5	0.9	0.8	0.9	0.7	1.0	0.8	0.2	0.6	0.6	0.9	0.72	12	1.0
04	0.8	0.3	0.5	1.0	0.8	0.6	0.5	1.1	1.1	0.9	1.2	1.3	0.88	12	1.3
05	1.6	2.4	2.0	1.8	2.8	1.5	1.0	1.1	1.6	1.0	1.2	0.4	1.57	12	2.8
06	0.7	0.8	1.1	1.4	2.4	3.0	2.2	2.6	2.1	1.5	1.3	0.9	1.71	12	3.0
07	1.2	0.5	1.2	1.4	1.3	1.8	1.6	2.0	2.4	2.4	2.0	1.0	1.61	12	2.4
08	0.3	0.5	1.0	1.1	1.0	1.2	0.6	0.5	1.1	1.1	0.4	0.7	0.84	12	1.2
09	0.8	0.6	0.3	1.1	1.2	0.7	0.8	0.7	0.4	0.5	1.0	0.8	0.80	12	1.2
10	0.5	0.7	0.7	0.3	0.2	0.4	0.5		0.5	0.2	0.3	0.7	0.51	11	0.7
11	0.3	0.4	0.2		0.3	0.3	0.3	2.5	0.6	0.3	0.6	0.5	0.62	11	2.5
12	0.5	0.2	0.4	1.1	1.5	0.5	0.5	0.8	1.2	0.7	0.7	0.75	0.75	12	1.3
13	0.4	1.0	1.0	1.2	2.8	1.3	1.7	1.2	0.8	1.1	1.0	0.7	1.22	12	2.8
14	0.7	0.4	0.7	0.9	1.5	0.9	0.6	0.9	1.7	1.6	1.9	1.5	1.15	12	1.9
15	0.8	1.3	1.1	1.6	1.9	1.4	1.2	1.5	1.4	1.8	2.4	1.6	1.55	12	2.4
16	1.9	2.6	2.6	3.1	3.0	2.0	1.1	1.6	2.1	2.4	2.3	1.9	2.26	12	3.1
17	1.8	2.1	1.3	2.4	3.1	2.5	1.8	1.4	1.9	2.0	1.4	1.0	1.92	12	3.1
18	1.0	1.0	0.9	1.5	1.6	1.1	1.7	1.2	2.3	2.1	1.1	1.1	1.41	12	2.3
19	0.6	0.5	2.1	1.0	1.2	0.5	0.3	0.7	0.9	0.9	0.8	1.0	0.91	12	2.1
20	1.1	0.4	0.6	0.8	1.3	1.4	1.8	1.5	1.6	1.0	0.3	0.3	1.05	12	1.8
21	0.8	0.7	0.7	1.6	1.3	1.0	0.7	0.6	1.2	1.6	0.8	0.5	1.00	12	1.6
22	1.4	1.8	1.6	2.1	1.8	2.1	0.9	1.5	1.5	1.4	1.7	2.7	1.75	12	2.7
23	2.8	1.4	0.6	1.8	1.5	0.9	0.5	0.4	0.9	0.6	0.4	0.5	1.08	12	2.8
24	1.3	0.8	0.3	1.0	1.4	3.2	2.8	2.6	2.6	1.7	1.2	0.7	1.67	12	3.2
25	1.0	0.7	0.4	0.9	0.7	0.4		0.0	0.8	0.8	0.9	0.7	0.71	11	1.0
26	0.5	0.2	0.3	1.0	0.9	0.6	0.6	0.5	0.7	0.7	1.0	1.0	0.71	12	1.0
27	1.0	0.6	1.4	1.4	1.5	0.9	0.6	0.9	0.7	1.8	1.7	3.0	1.33	12	3.0
28	3.0	3.2	3.0	1.5	2.2	1.7	1.3	1.1	1.1	0.8	0.6	0.8	1.74	12	3.2
29	0.4	0.9	1.5	1.4	1.8	2.0	0.8	0.6	0.8	0.7	1.0	0.2	1.04	12	2.0
30	0.3	0.7	0.9	1.3	1.8	0.9	0.6	0.8	0.9	0.7	1.3	1.5	1.01	12	1.8
31	1.3	1.9	1.7	2.4	2.2	1.7	1.4	0.9	0.3	0.7	1.0	0.9	1.39	12	2.4
AVG	1.00	1.01	1.06	1.40	1.60	1.25	1.03	1.13	1.25	1.16	1.11	1.00	1.17		
N(3)	31	31	31	30	31	31	30	30	31	31	31	31		369	
MAX*	3.0	3.2	3.0	3.1	3.1	3.2	2.8	2.6	2.6	2.4	2.4	3.0	2.26		3.2

(1) N=NUMBER OF VALID 2-HR SPOTS
(2) MAX=MAXIMUM 2-HR COH (DY)
(3) N=DAYS WITH VALID VALUES
* MAX=MAXIMUM 2-HR COH (MO)
VALUES GREATER THAN 6.0 UNDERESTIMATE ACTUAL VALUE